

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Adamello Brenta UNESCO Global Geopark, Trentino, Italy (European and Global Geopark Network). Year of inscription 2008/ Year of the last revalidation 2016.



Awarding for Adamello Brenta Geopark: “Oscar of Ecotourism” for the promotion of best practices about environmental sustainability within the local tourism enterprises.

2. GEOPARK FIGURES

Number of Geopark staffs: 46 staffs including 1 geoscientist.

Number of Visitors: Visitors at Geopark house in summer: 2.645, Visitors in the main valleys of the Geopark in summer: 87.446 Genova Valley, 63.590 Tovel Valley, 14.757 Fumo Valley, 50.554 Vallesinella, 5.665 Algone Valley. 14.800 participants in the summer activities organized by Adamello Brenta Geopark.

Number of Geopark events: 40 activities of geo-interpretation; 3 exhibitions at Geopark house: “DinoMiti, fossil reptiles of the Dolomites”, “The mystery of the mountains” and “Meet Your Landscape”.

Number school classes realize Geopark educational programs: 78 school classes involved in geological projects (61 in primary school, 10 in secondary school, 5 in high school, 2 University of the Third Age).

Number of Geopark press release: 45 press releases in the News of Park.

3. GEOPARK ACTIVITIES

Major achievements in 2016

- The Adamello Brenta Geopark won the call to host the 8th International Conference on UNESCO Global Geoparks in 2018.
- Two awards: from Legambiente for the efforts in the dissemination of good practices about renewable energy and energy efficient and “Oscar of Eco-tourism” for the promotion of best practices about environmental sustainability within the local tourism enterprises.

Contribution towards GGN - Networking and Participation

- Mar 2016. Participation in the 37th European Geoparks Network Coordination Committee meeting in Basque Coast Geopark, Spain.
- Set 2016. Participation in 7th International Conference on UNESCO Global Geoparks – English Riviera UNESCO Global Geopark.
- Jul 2016. Participation in the 8th Italian Geoparks Workshop “Unesco Global Geoparks: protection, valorization and management of the geodiversity” in Pollino Geopark, Italy.

Management and Financial status

The income of the Adamello Brenta comes 2/3 from the allocations by the Autonomous Province of Trento (PAT) and 1/3 from self-financing from activities carried out by the Park. The final balance will be counted in April 2017.

Geoconservation

The geoconservation is fully fulfilled through the legal protection, regulations and education, and continuous monitoring.

Sustainable tourism (Geotourism)

15.000 participants in geotouristic activities organized by the Geopark in collaboration with the local tourist offices.

New Education programs on geoconservation, sustainable development and disaster risk reduction

Realization of a new project for high school about geology, glaciology and geomorphology and climate change with excursion and field works at Amola Glacier. Updating of geological project. Realization of 5 new interpretive geotouristic activities for summer 2016.

Strategic Partnership

Giudicarie Community, Trentino Marketing Society, Local Tourism Offices for marketing and promotional project, Local Alpine Guide, local municipalities, local stakeholders, Science Museum of Trento.

Promotional activities

New promotional panels at the Infopoint of Dimaro, realization of an exhibition about the Geopark in Folgarida; participation to Italian fairs: “Ecofiera”, “Pomaria”, “Children’s Tour”, “Dolomitica Brenta Bike”; presence in local program television, talking also about Geoparks.

4. Contacts:

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Geologist: Vajolet Masè vajolet.mase@pnab.it

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1. GEOPARK IDENTITY

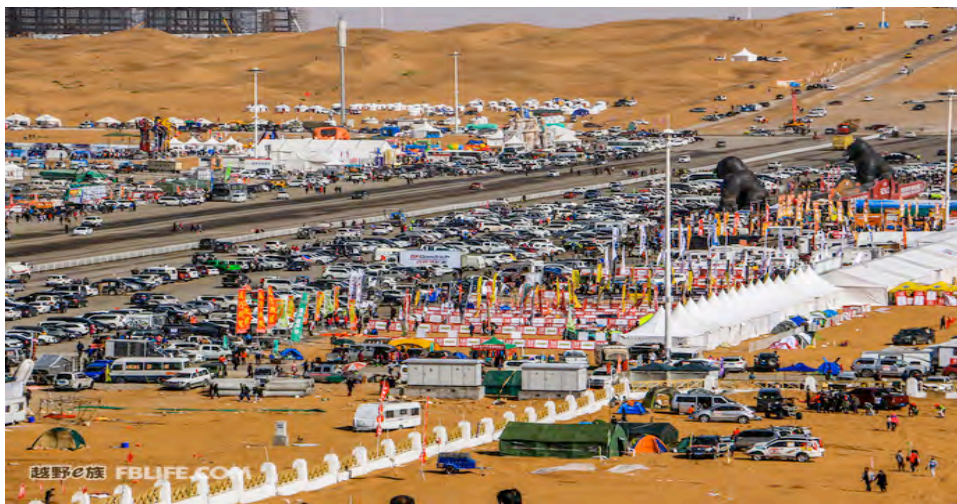
Alxa Desert UNESCO Global Geopark, China, CCN

Year of inscription / Year of the last revalidation 2009/2013

Representative Photo (from the most important event this year)



Alxa Science and Technology Museum is opened to the public.



Hold 2016 Cross-country Vehicle Challenge Competition in Tengeli Desert



Take a training course among the local related staffs in Alxa Desert Global Geopark after participating in Beijing Global Geopark Management Training Course



Hold a summer camp with primary school to get geoknowledge about desert forming , desert plants and the environment protection at the edge of desert.



Visiting sisterpark Zhangjiajie Geopark and study the experience each other.

2. GEOPARK FIGURES

Number of Geopark staffs: 12 staffs including 1 geoscientist

Number of Visitors: Total number of the visitors to the geopark is 60,497,000 by the end of 2016.

Number of Geopark events: 6 vital geopark events and mainly held by Alxa Desert Global Geopark Administration, cooperative organization including China University of Geosciences.

Number school classes realize Geopark educational programmes: 3

Number of Geopark press release: 17

3. GEOPARK ACTIVITIES

Major achievements in 2016

(1) Our geopark administration Bureau was selected as only recommended unit by the Ministry of land and resources for the national ecological civilization award, and won the honorary title of China ecological civilization advanced collective by the Ministry of environmental protection .

(2) It was repaired including 40 geopark pillars, 400 meters geotrail with science board, 6 pavilion ,6 traffic signs,24 interpretation boards and 2 science galleries.

(3) Wifi was completely installed at the Badanjaran Desert Musuem and complished remote supervisory controlling equipment at 9 vital geoheritages in Badanjaran desert.

(4) Our geopark administration bureau hold a summer camp with 70 faculty and students of local Mongolian primary school to get geoknowledge about desert forming and love our ecological environment at the edge of desert.

(5) Hold a volunteer recruitment activities of Mysterious Desert Angel ,up to now we have 80 more volunteers from differet provinces.

(6) Moon Lake Science Museum at Moon Lake geoarea was run on Oct.12,2016 which is the fourth science museum at our geopark.

Contribution towards GGN - Networking and Participation

- (1) Participating in the GGN conference in England 2016.
- (2) Attending three times training course at Beijing and Guangdong about Geopark Management and Revalidation.
- (3) Made an English video to introduce Alxa Desert Global geopark geoheritages on internet communication workshop with other geoparks in APGN under the holding of Hongkong geopark in Dec.2016.

Management and Financial status

Alxa desert UNESO global geopark administration bureau under local government is in charge of Alxa desert UNESO global geopark. Our funds was depend on local government finance. Owing to local government economic crisis , We have more financial difficulties and lack of contributors ,especially requiring a heavy outlets on more construction and management after expanding our geopark.

Geoconservation

- (1) The geoheritages protection project in Aolunbulage geoarea were completed by an investment of 4,708,000RMB. The geoheritages were repaired including Shengen Peak, Alxa canyon and Dramatic canyon. The total area of protection project is 0.344 km². The detail protection project contains completing 130 meters bionic ecological fence around Shengen Peak, 40 meters wooden fence at the observation deck, 2 science galleries, 6 warning board, 30 meters iron fences etc..
- (2) The monitoring project of Shengan Peak at Aolunbulage geoarea is running by an investment of 24,000RMB during 1 year (Apr.22,2016- Apr.22,2017) mainly monitoring on the inclination and weathering. 4 monitoring technical reports will be submitted after the monitoring period.
- (3) The inspections about geoarea signs system and safty basic instruments were

carried at the geoparks more than 70 times a year for disaster risk reduction and sustainable development.

Strategic Partnership

Made a new sisterpark with Guizhou Zhijidong cave geopark, China and held a sharing experience workshop with staffs in two geoparks.

Promotional activities

We continue to advertise our geopark by a lot of important local festivals on newspaper, TV, radio, internet, wechat platform especially having a live interview on local TV station, cooperation with Xinhua News Agency and Hongkong Radio TV station to field recording at our geopark .

4. Contacts:

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1. GEOPARK IDENTITY

Geopark: Apuan Alps UGG (European Geoparks Network)

Year of inscription: 2011

Year of the last revalidation: 2015



2. GEOPARK FIGURES

Number of Geopark staffs: 22 staffs including 3 geoscientists

Number of Visitors: the 2016 data count a total of 24.422 visitors considering the number of individuals visiting "Antro del Corchia" cave and our museum or visitor centres (entrances to the geoparks without tickets are so numerous that it is impossible to determine exact number but it can be estimated in about 850.000 visitors).

Number of Geopark events: 21 events held by Apuan Alps UGG management body and 67 events held by partners

Number school classes realize Geopark educational programmes: the total number school classes is 72, for a total of 1246 students

Number of Geopark press release: 85 press releases

3. GEOPARK ACTIVITIES

Educational exhibition "Rains and Ruins" with the contribution by UNESCO Earth Sciences and geo-hazards Risk Reduction Section and UNESCO Global Geoparks Presentation of the Geomorphological and Neotectonic Map of the Apuan Alps, in collaboration with Pisa and Siena Universities

"The nights of Archaeology", inauguration of a new multimedia room in the Interactive Museum of Hearth Sciences in Equi Terme di Fivizzano

Contribution towards GGN - Networking and Participation

Participation of the two representatives at the EGN meetings and at the 7th International Geoparks Conference (Torquay, England)

Participation at the panel discussion and workshop about "Disaster Risk Reduction at Unesco Global Geoparks, ways forward" (Torquay, England)

EGN magazine, issue 13, "Discovering the "Giants' Potholes": a new geotrail in the Apuan Alps UNESCO Global Geopark"

Management and Financial status

The management structure is made up of several offices and services for a total of 22 people and the operating budget for 2016 totals € 1,541.000

New financial status leads to an easier management of the dynamics of spending with costs and assets optimization

Geoconservation

Count of mouflons: activity guided by Geopark Rangers for the monitoring of mouflons in the Apuan Alps

New planning instrument ("Landscape Plan") recognizes a central role to geosites for the landscape protection

Sustainable tourism (Geotourism)

"Green weeks" in the Geopark for kids from 8 to 15 years (11 weeks for about 171 kids)

New education programmes on geoconservation, sustainable development and disaster risk reduction for schools

Strategic Partnership

Research project in collaboration with Pisa University on geomorphological survey applied in old marble quarry workings

Promotional activities

Contest "Tasting the Apuan Alps", km zero menu with local food, hosted by Apuan Alps UGG recommended accommodations

Promotional leaflet about "Giants' pot-holes of Mount Sumbra"

"A taste of Nature", 2016 Parks Festival: guided visits, cooking lesson, music concert and environmental activities

4. Contacts:

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Geologist: Alessia Amorfini; aamorfini@parcapuane.it

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1. GEOPARK IDENTITY

Geopark name, country, regional Network:

Aso UNESCO Global Geopark, Japan, Japanese Geoparks Network

Year of inscription / Year of the last revalidation: 2014

Representative Photo (from the most important event this year) (See attachment)

Kids Programme; Learning fault at the Kumamoto Earthquake seminar

2. GEOPARK FIGURES

Number of Geopark staffs: 3 people including 1 geoscientist

Number of Visitors: Base Facilities of Aso Geopark area;

- Aso Volcano Museum:56,940 (-75% y/y) • Yu-Station:117,589(-30% y/y)
- Michinoeki Aso (Aso Eco-Museum):1,061,775 (-25% y/y)
- Minamiaso Visitor Centre:19,246(-28% y/y)

Major Geosite: Daikanbo:453,369(-38% y/y)、 Nabegataki Fall:153,389(-20% y/y)

Oshitoishi-no-oka: 16,000(-55% y/y), Ikeyama Spring: 312,347(-14% y/y)

*Total numbers of visitors decreased hugely due to the Kumamoto Earthquakes y/y.

Number of Geopark events: 24

Number school classes realize Geopark educational programmes: 23

Number of Geopark press release Web news: 49 / Facebook uploads: 500

3. GEOPARK ACTIVITIES

Major achievements in 2016

○The Kumamoto Earthquake seminar for local community hosted by Japanese Geoparks Network, Seismological Society of Japan and Aso Geopark Promotion Council on 18 August. About 150 people joined to understand what happened, what is known, and how to live with nature. The seminar was hosted together with Earthquake workshop for kids and family.

○Junior Geoguide Programmes hosted by our cooperated organization, National Aso Youth Friendship Centre in December

○Drawing up Aso Eco-tourism Promotion Low

Contribution towards GGN - Networking and Participation

○Attended the UNESCO Global Geopark Memorial Forum in Hakusan in January

○Attended the UNESCO Global Geopark Memorial Symposium in Tottori in February

○Attended Geopark Niigata International Forum in Niigata in July

○Attended the 7th International Conference on UNESCO Global Geoparks, English Riviera Geopark, UK in September

○Participated Japanese Global Geoparks-Asia Pacific Geoparks Network Forum, Hong Kong UNESCO Global Geopark, HK via internet in December.



Management and Financial status

○Nomination of the new manager of Aso Geopark Promotion Council.

○ Budget decrease of 10,000,000 JPY (810,000EURO) due to the Kumamoto Earthquake. Municipal subsidy used for rebuilding the region.

Geoconservation

○Survey on the entire Aso Geopark sites after the 2016 Kumamoto Earthquakes.

Sustainable tourism (Geotourism)

○Hosted Eco-Tourism Workshops to raise awareness of sustainable tourism towards community.

○Produced Kyushu Geoparks Map together with other 7 Japanese Geoparks in Kyushu, Japan

New Education programmes on geoconservation, sustainable development and disaster risk reduction

○Training Geopark guides to deliver story of the Kumamoto Earthquakes and disaster risk reduction.

○Subsidy for local University students to nurture regional researchers.

Strategic Partnership

○Continuous partnership agreement with Hong Kong UNESCO Global Geopark

Promotional activities

○Hosting Aso Geopark Brand Campaigne to promote regional productions in January.

Calling for the 3rd applications to Aso Geopark Brand Products in December.

○Participated Kumamoto Geological Day for kids to experience geo-labo in August.

○Supported by Hong Kong UNESCO Global Geopark to feature impacts of the Kumamoto Earthquakes by HK medias in September

○Supported Aso Volcano Museum to introduce learning materials to schools and educational organizations in December.

4. Contacts:

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1. GEOPARK IDENTITY

Name: Azores UNESCO Global Geopark, Portugal, European Geoparks Network

Year of inscription: 2013



2. GEOPARK FIGURES

Number of Geopark staffs: 4 staffs, including 1 geoscientist (e.g. GEOAÇORES Association)

Number of Visitors: 1.5 millions overnights stays; 150 000 visitants at Caldeira Velha Geosite Visitor Center

Number of Geopark events: 51 events held by the management body and 298 through partners

Number school classes realize Geopark educational programmes: 129 activities, with 3159 students and teachers

Number of Geopark press releases: 17 articles in the press

3. GEOPARK ACTIVITIES

Major Achievements in 2016: i) The Azores was awarded in 2016 with the International Award “Top 100 Most Sustainable World Destinations”, obtained after an invitation launched on social media, followed by a selection of 30 sustainable tourism experts at international level; ii) Organization of the 14th European Geoparks Conference, which application was accepted unanimously by the EGN CC, and will take place at the Azores UGG in September, 2017.

Contribution Towards GGN - Networking and Participation: Participation in the 37th EGN CC

Meeting in the Basque Coast Geopark, Spain, March, 17th-19th; Participation with promotional material of the Azores UGG on an exhibition promoted by the Katla Geopark (Iceland); Participation in the 38th EGN CC Meeting in the English Riviera Geopark, United Kingdom, September, 26th; Participation in the “7th International Conference on UNESCO Global Geopark”, held at the English Riviera UNESCO Global Geopark, September 27th to 30th; Several activities at the aim of the EGN Thematic Working Group “Volcanic Geoparks”, that the Azores Geopark Scientific Coordinator act as Catalyst.

Management and Financial Status: The management of the geopark is assured by the GEOAÇORES Association – Azores Geopark Association, a non-profit association, with headquarters in Horta, Faial island and established through a public deed on May 19th, 2010. The Azores Geopark Association have an annual budget, approved by the General Assembly, the Management Board and the Auditor’s Committee, and supervised by an official accountant. At present the Association don’t have debts.

Geoconservation: Partnership with the Project TURGEO – “Definition of carrying capacity for the touristic use of geossites: a tool for the sustainable use and valuing of the Azores natural resources”; this project is coordinated by the University of Azores and has the ATA – Azores Tourism Board and the GEOAÇORES Association as partner.

Sustainable Tourism (Geotourism): Enhancing and strengthening of the cooperation with the Azores Tourism Board (ATA), which established the Azores Geopark as the key player for the implementation of the Azores geotouristic promotion and qualifying policies; Production and emplacement of about 50 new wood poles in sites of special geological interest; Production and emplacement of 10 “panoramic pannels” in iconic Azorean geolandscapes; Second edition of the workshop “Volcanoes, Geodiversity and Geotourism: A Trilogy of the Azores Geopark”, in partnership with the Regional Association of Touristic Activities Companies (AREAT), on the island of São Miguel, involving 15 participants from 13 private tourism companies, in March.

New Education Programmes on Geoconservation, Sustainable Development and Disaster Risk Reduction: Organization of the regional phase of the “Olimpíadas da Geologia/Portuguese Geology Olympics 2016”, in the Azores Autonomous Region, involving 19 students from 9 schools and from 7 islands of the archipelago. The 2 winner students participated in the “national phase”.

Strategic Partnership: Signature of the collaboration protocol with SATA (the Azorean airline company), March; Signature of the cooperation protocol with Secretaria Regional

da Agricultura e Ambiente/Agriculture and Environment Regional Secretariat, June; several memorandum of collaboration with local stakeholders, being presently a total of 44 partnerships.

Promotional Activities: Collaboration with the “Açoriano Oriental” newspaper, by publishing a page every two weeks entitled “(Geo)diversidades”; Daily update of the Azores Geopark’s facebook, with activities, photos and news; Promotion of the radio program "Geoparque Açores em 5 minutos/Azores Geopark in 5 minutes", in the radio station “RDP - Antena 1 Açores”, twice a week; Implementation of the "geoparks corners" in the São Miguel and Terceira Island Delegations; Production of roll-ups and similar supports to harbour's terminals of several islands.

4. Contacts:

Manager: Manuel Paulino Costa, manuel.ps.costa@azores.gov.pt

Geologist: João Carlos Nunes, joao.cc.nunes@uac.pt

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1. GEOPARK IDENTITY

Geopark name, country, regional network: Bakony–Balaton UNESCO Global Geopark, Hungary, European Geoparks Network

Year of inscription / Year of the last revalidation: 2012 / 2016 (green card: 2017–2020)



Representative Photo: a geo-activity day for schoolchildren at the Geological Asset of the Year (on Earth Day, in a disused Permian sandstone quarry near Alsóörs village)

2. GEOPARK FIGURES

Number of Geopark staffs: 6 people (3 female, 3 male), including 3 geoscientists

Number of visitors: altogether 342,221 (mostly at visitor centres, interpretive sites); from this 7,509 visitors on geo-activity days, geo-events, guided geotours, geopark contest, etc.)

Number of Geopark events: 150

Number school classes realize Geopark educational programmes: 88

Number of Geopark press release: 46 interviews and articles in the national and regional media (38 articles, 8 interviews in radio and TV)

3. GEOPARK ACTIVITIES

Major achievements in 2016

- Starting a new EU project on management of 22 geosites.
- Active role in the establishment of the Hungarian Geoparks Committee.
- Launching the Geopark Product label programme for local entrepreneurs.
- Starting the Danube GeoTour INTERREG DTP project on geotourism networking and development.
- A new region of the Geopark was covered by a geotour-guide training for local people.
- Our Geopark's booth at the 95th Lavender Fair in Digne-les-Bains, Haute Provence UNESCO Global Geopark, France.

Contribution towards GGN - networking and participation:

- Participation in the 37th EGN CC meeting in Basque Coast Geopark, Spain.
- Participation, oral and poster presentations at the 7th International Conference on UNESCO Global Geoparks, English Riviera Geopark, UK. At the same venue, participation in the 38th EGN CC meeting, in the 1st GGN General Assembly, our delegate is also member of the GGN Advisory Committee and the GGN Election Committee.
- Collecting and preparing for publishing the European Geoparks Week programme 2016 and the progress reports from all the members of the EGN.
- Participating in the work of the EGN Volcanic Geoparks Working Group, creating and updating the layout design of the future e-book, titled "Volcanic Geoparks in Europe".
- Hosting the inaugural session of the Hungarian Geoparks Committee at the Headquarters of our Geopark.

- Publishing two articles in the European Geoparks Magazine.
- Participation in the successful Danube GeoTour INTERREG DTP project on geotourism networking and development (Coordinator: Ildrija UGG, other partners include 9 Geoparks, total budget: 1,665,509 EUR, BBUGG budget: 257,000 EUR).
- Participation of a student group from our Partner School and of a colleague from the Geopark staff in the International Geoparkcamp “Arts Meet Geology” (Muskau Arch Geopark, Germany–Poland), with its artworks to be exhibited in the participating Geoparks.
- Thanks to the invitation of Haute Provence UNESCO Global Geopark, our Geopark and some local producers could present themselves in a 100 sq metres booth at the 95th Lavender Fair in Digne-les-Bains, France
- Visit of mayors, tourism experts, etc. from the territory of Novohrad–Nógrád UNESCO Global Geopark (Hungary–Slovakia)
- Volunteers’ and young ambassadors’ study tour in our Geopark from Hateg County UNESCO Global Geopark, Romania
- Our Geopark staff colleague, as an invited speaker, gave an oral presentation on our Geopark at an international conference in the aspiring Saarte Geopark, Estonia.
- Two-day-long field trip in our Geopark for 30 visitors from Ildrija and Karavanke/Karawanken UNESCO Global Geoparks (Slovenia–Austria)
- Two presentations on volcanic Geoparks of Europe and on UNESCO Global Geoparks at the Lavender House Visitor Centre (calling information and photos from the GGN members)

Management and financial status

The Geopark's organisation and its predecessor organisations have been in operation for decades. The organisation has been operating as Balaton Uplands National Park Directorate since the foundation of the national park, 1997. The Bakony–Balaton Geopark Group, as an organisational unit within the directorate, established in 2012 is responsible for the tasks directly related to the Geopark's goals and it works closely with other units of the directorate (e.g. Ranger Service, Department of Ecotourism and Environmental Education, Financial Department). Visitor sites managed by the directorate are operated by permanent and temporary employees or by contracted local entrepreneurs. The management structure is designed especially to enhance protection of natural heritage, thus protection of geological heritage is included. The directorate's substantial activities, experience and existing infrastructure in the field of tourism and connections to local businesses provide an ideal ground for the geopark organisation to promote sustainable regional development for the proposed geopark area. The Director of the Directorate and the Head of the Bakony–Balaton Group are the two official delegates to the EGN Coordination Committee.

The Geopark's leading organisation, the national park directorate is a regional state organisation that manages its budget independently. The budget is partly supported by the state via the Ministry of Agriculture and mostly by incomes from tourism and other fields. Within the directorate's budget, the Geopark is supported via the salaries of the Geopark Group staff members and other members and via amounts paid for other costs of the Geopark (office costs, conference participation costs, GGNA membership and EGN promotional fees, travel, etc.). Successful project applications prepared by the Geopark staff for the development of the Geopark also contribute to the budget. Financial support from the EU, through our successful applications for geotourism investments (eg. building a visitor centre or renewing an exhibition of a visitor centre) and geological nature conservation investments (eg. clearing geosites) in the Geopark are also important elements of the budget. The Geopark Group defines the costs needed for different projects and activities and the Director of the leading organisation makes the decision regarding these costs.

Geoconservation

- Starting a new EU project on management of 22 geosites (key sections, caves, sinkholes, geological nature conservation areas, new nature trails with holistic approach, etc.) of the Geopark (budget appr. 500,000 EUR)
- Consultations with the Ministry of Agriculture and the Hungarian national park directorates about declaring geological key sections and fossil sites, springs and caves protected

Sustainable tourism (Geotourism)

- Altogether 95 geotours with 2,876 participants (62 geotours were guided by the staff of the Geopark leading organization, 23 were guided by our Geopark Partners (local entrepreneurs).
- New installations and panels in the Lavender House Visitor Centre, the Eastern Gate of the Geopark (topics: geology, volcanology, volcanic UNESCO Global Geoparks)
- Designing and installing new panels for a geological nature trail in a disused sandstone quarry near Alsóörs village, new information boards at an old wash-house near Kővágóörs village and at the Permian/Triassic boundary near Csopak village.

New education programmes on geoconservation, sustainable development and disaster risk reduction

Geopark Contest for students on the geological, ecological and intangible heritage of the Geopark

- Outdoor geo-pedagogic activity days for students at 'Geological Asset of the Bakony–Balaton Geopark of the Year'
- Guided geo-walk and activities for kids at Hegyestű Geological Interpretive Site
- "Car-free" days in Balatonalmádi and Tapolca
- "Meet Santa Claus" programme for small children in Lóczy Cave
- "Snail Shell Stroking" in Várpalota Disused Sand Pit Nature Conservation Area

Strategic Partnership

- Signing cooperation agreements with trained geotour-guides, our Geopark Partners
- Clearing a Permian-Triassic boundary geosite by a local foundation (Csopak village)
- Volunteer camp by Pangea Association: renewal of a geological trail, new information panels, clearing a disused Permian sandstone quarry in Alsóörs village
- Volunteer camp by a student group of our Geopark Partner Steiner School in Nemesvámos: clearing the Úrkút Palaeokarst Nature Conservation Area
- Launching the Geopark Product programme, calling local producers, the first evaluation of the submitted products (involving experts).
- "Ammoniterrace": a new contemporary art installation in the park of the Geopark leading organization, designed and built by the team of the Budapest University of Technology and Economics (via Hello Wood project).
- Successful application of our Geopark Partner civil organisation, Bakonyalja Barátai Association for financing a geotour-guide training course to start in the Southern Bakony I. region, in cooperation with the Geopark leading organisation

Promotional activities

New geopark leaflet with UNESCO logo, etc. (Hungarian, English) • installing 3 large Geopark welcome boards (with UNESCO logo) along main roads at the boundary of the Geopark • 10 new supplementary panels (with UNESCO logo) to traffic boards near our visitor centres • National promotion of caves in the framework of a tourism campaign • Daily updated website (geopark.hu), Facebook page, mailing lists, tourism leaflets • Celebrating and promoting of the 'Geological Asset of the Bakony–Balaton Geopark in 2016' • Highly visited Geopark booths in the Valley of Arts Festival (Kapolcs), on "Dino Days" (Iharkút) and at "Earth Science Whirl" (Budapest), etc. • Information and advertisements on the Geopark in the most popular hiking maps • Media publicity and informing the local communities and partner organisation about our UNESCO Global Geopark designation

4. Contacts

Manager: Zoltán PUSKÁS, Director of Balaton Uplands National Park Directorate (the Leading Organization of our Geopark), puskaszo@bfnp.hu

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1. GEOPARK IDENTITY

Basque Coast UNESCO Global Geopark, Spain (EGN)

Year of inscription 2010 / Year of the last revalidation 2014

Representative Photo:



37th EGN Coordination Committee Meeting in Basque Coast Geopark

2. GEOPARK FIGURES

Number of Geopark staffs: 6 staffs including 1 geoscientist(s)

Number of Visitors:

Visitors at guided visits official program.

Year	visitors	dif.(2015)	% increase
2016	14.076	4.320	44,28%

Number of Geopark events:

- Research and dissemination: 20 initiatives
- Education activities with school children: 6 activities
- Promotion activities: To host 16 VIP visits
- European Geoparks week 2016: 12 events

Number school classes realize Geopark educational programmes:

7.500 school children in 2016 join the educational program in Algorri Center.

Number of Geopark press release:

76 press releases

3. GEOPARK ACTIVITIES

Major achievements in 2016

Strategic Plan 2016-2020

37th EGN CC Meeting

Contribution towards GGN - Networking and Participation

Spanish Fora coordination.

Advisory mission in Colombia

Management and Financial status

New full time staff worker for tourism

Geoconservation

Golden spike replica to Victoria & Albert Museum from London for a travelling exhibition on Antropocene

Sustainable tourism (Geotourism)

New guided visit to a cheese maker farm

New interpretation point in the interior of the Geopark (Karst area)

New Education programmes on geoconservation, sustainable development and disaster risk reduction

More than 4.000 school agendas themed with the Geopark were distributed among schoolchildren

Strategic Partnership

- Surfrider Foundation
- Aranzadi Science Society for developing a citizen science network
- DSS2016 European Capital of Culture.
- Basque University (Master's degree) Cuaternario: Cambios ambientales y huella humana" to foster research activities about prehistory.

Promotional activities

Tourism Fairs, leaflets and brochures

Fam (press and bloggers) trips

On line promotion: enewsletter, FB and Twitter

4. Contacts:

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Geologist: Asier Hilario flysch@gipuzkoa.eus

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network:

BEIGUA UNESCO Global Geopark (Italy, European Geoparks Network)

Year of inscription / Year of the last revalidation: 2005 / 2016

Representative Photo (from the most important event this year): Mare & Monti 2016 – September 10th-11th noncompetitive walks and trekking (more than 2.600 participants)



2. GEOPARK FIGURES

Number of Geopark staffs: 14 staffs (5 permanent + 9 by contract) including 3 geoscientists (1 permanent + 2 by contract); to be added 1 scientific coordinator + 4 researchers (geoscientists from University of Genoa through an official partnership/agreement)

Number of Visitors: about 450.000 (estimation of the visitors to the major geosites, trails, museums, visitor centers and information points).

Number of Geopark events: 45 events (33 held by management body and 12 held by cooperative organization)

Number school classes realize Geopark educational programmes: 100 classes (2185 students)

Number of Geopark press release: more than 30; in addition a big amount on websites and blogs.

3. GEOPARK ACTIVITIES

Major achievements in 2016

Contribution towards GGN - Networking and Participation: 1. Attendance at the

37th EGN CC Meeting in Basque Coast Geopark (Spain) on March 16th – 19th 2016;
2. Evaluation mission (by Maurizio Burlando) in Lombok aspiring UNESCO Global Geopark, Indonesia, May 17th – 20th 2016; 3. Joining the European Geoparks Week 1st May – 5th June 2016; 4. Evaluation mission (by Maurizio Burlando) in Arxan aspiring UNESCO Global Geopark, Chian-Inner Mongolia, July 26th – 29th 2016; 5. Attendance at the 38th EGN CC Meeting in English Riviera Geopark (England) on September 25th-26th 2016; 6. Attendance at the 7th International Conference on UNESCO Global Geoparks in English Riviera Geopark (England) on September 27th-30th 2016.

Management and Financial status: The Beigua Geopark is managed by the Beigua regional nature Park Authority, that is a public equivalent body supervised by the Regional Administration of Liguria, founded in 1996 (Regional Law n. 12/1995). The Beigua Park Authority has the responsibility for all necessary actions towards the benefit of the area in combination with the protection of the nature park and the four Sites of the European NATURA 2000 Network (Birds Directive and Habitats Directive). The Beigua Geopark financial status especially depends on Regional Administration and on EU projects. During 2016 the financial status was stable (about 600.000,00 €).

Geoconservation: In 2016 Geopark staff has been supported by the University of Genoa to develop two new conservation projects: 1. the paleontological site in Maddalena – Ponte Prina (Sassello) to preserve the fossil coral reef and the best outcrops; 2. the geomorphological features in the Pratorotondo – Torbiera del Laione sites (blockstreams and blockfields especially) with a new information kiosk and interpretative panels.

Sustainable tourism (Geotourism): 1. Regular programmes of walks and guided tours have been realized in all the seasons (winter, spring, summer, autumn); 2. Monitoring visitors attendance along the trails network of Beigua Geopark; 3. Several activities have been carried out by local sports associations to enjoy some of the most interesting geological features of Geopark (canyoning, trekking, hiking, bouldering, mountain biking, orienteering).

New Education programmes on geoconservation, sustainable development and disaster risk reduction: Regular educational programs for primary and secondary schools have been realized in Beigua Geopark according to specific agreement with local School Authorities (100 classes, 2185 students involved during 2016).

During 2016 the EVANDE EU project has been completed: the project (Enhancing

Volunteer Awareness and education against Natural Disasters through E-learning) aimed to create a new learning tool to educate and train civil protection volunteers and local authorities' staff through identification of best practices and knowledge, to develop a web platform to host e-learning courses and training activities, as well as to organize and implement local-based dissemination and training actions.

Strategic Partnership: The Beigua Geopark is strongly supported by local communities and stakeholders which are substantial part of the management body (Regione Liguria, Provincia di Savona, Città Metropolitana di Genova, n. 10 Local Municipalities, University of Genoa, Tourism Operators Associations, Agricultural Associations, Breeding Associations, Forestry Associations, Handicraft Associations, Environmentalist Associations, Hunters Associations, Sports & outdoor Associations, University of Genoa, Regional and Local School Districts.

Many others national and local bodies collaborate with the Beigua Geopark (Museum of Natural History of Genoa, Italian Alpin Club, Italian Federation for Hiking, Italian Union for Sports, Italian Federation for Parks and Nature Reserves, ISPRA National Institute for Environment Protection and Research).

Promotional activities: 1. Quarterly newsletter of the "Parco del Beigua – Beigua Geopark" newsletter (10.000 – 15.000 paper copies; downloadable also by the web-site) published and distributed in Spring, Summer, Autumn and Winter. 2. Monthly electronic newsletter of the "Parco del Beigua – Beigua Geopark" (downloadable by the web-site). 3. New APP for smartphone (for Android and iOS) about the main features of the Geopark's territory (geology, biology, history and cultural heritage, trails, visitor centres and infopoints, meteo, webcam, etc.). 4. Several new road signs and interpretative panels in the field promoting the Beigua Geopark and the UNESCO recognition.

4. Contacts:

Manager: Maurizio Burlando - direttore@parcobeigua.it

Geologist: Marco Firpo - firpo@dipteris.unige.it

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network:

Bergstrasse-Odenwald UNESCO Global Geopark, European Geoparks Network

Year of inscription: 2002 / Year of the last revalidation: 2016



UNESCO Global Geopark Celebration together with all local communities, regional stakeholders and cooperation partners as well as Minister of State for Foreign Affairs, First Minister of the State of Hesse, German UNESCO Commission and UNESCO Headquarters

2. GEOPARK FIGURES

Number of Geopark staffs: 14 staffs including 5 geoscientist(s)

Number of Visitors: 40.000 (Messel Pit), 70.000 (Showcave Buchen), 200.000 (Sea of Rocks), Touristic numbers: > 5.000 000

Number of Geopark events: > 1000

Number school classes realize: Geopark educational programmes

Number of Geopark press release: hundreds

3. GEOPARK ACTIVITIES

Major achievements in 2016

- Successful revalidation procedure of Bergstrasse-Odenwald Geopark as UGG
- Vocational training for Geopark Rangers and Geopark-on-site-guides
- Nature discovery workshops with Geopark Rangers at Geopark Entrance Gate West

- Continuation of the geo-workshops with Geopark rangers at WHS Messel Pit
 - Continuation of Farm Activity Days with the Geopark rangers
 - Implementation and training of new Geopark-on-site guide group (Breuberger Land)
 - Celebration of the European Geopark Week (71 events)
 - Cooperation with WHS Messel Pit and Odenwald Tourism
- Implementation of new Geopark Trail: "Trail of Diversity"
- Implementation of new Geo-Points
 - Presentation of the award "Geotope 2016" – "Heidelberg Castle"
 - Continuation of the common "Hessian Naturepark Hiking Day"
 - Cooperation with nature conservation associations (Streuobstwiesenretter, Großherbivoren)
 - Implementation of outdoor soil station in Heidelberg
 - Implementation of the celebration of the "Fruit of the Year" – activity day, tree planting and brochure
 - Revision and reprint of the comprehensive hiking map system with Geopark as publisher (21 single maps)
 - Identification and preparation of 32 touristic highlights for stakeholders and multipliers including field trip for touristic and gastronomy staff

Contribution towards the GGN

- Participation in the International Tourism Fair (ITB) Berlin 2016: Global Geoparks booth and Common PPT Presentation of GGN during Morning Opening
- Member of the Editorial Board of the EGN Magazine (J.W.)
- Publication of contribution in EGN magazine No. 14
- Collection and publication of EGN Electronic Newsletters No 5, 6 and 7 (J.W.)
- Participation in the EGN spring meeting (Basque Coast UGG)
- Participation in the International Conference on UGG (Torquay, UK) with 2 oral presentations and participation in the Geopark Fair
- Regular meetings of the Forum of UGG in Germany (common activity of the 6 Global Geoparks in Germany)
- Workshop of UGG in Germany on SDGs in cooperation with the German UNESCO Commission and the Ministry for Foreign Affairs
- Revalidation mission to UGG Carnic Alps (J.W.)

- Participation in EGN Week 2016 with brochure
- Cooperation visit of UGG Odsherred, Denmark: information infrastructure

Management and Financial status

- Continued solid financial status, no change in management structure
- Change in staff: one new staff member part-time position

Geoconservation

- Visitor mine “Marie”: winner of the award “Landscape on the move - Metropolitan Region Rhine-Neckar” and major achievements towards visitor service and light system

Sustainable tourism (Geotourism)

- Participation in several Tourism fairs (Mannheim, Stuttgart) New Education programmes on geoconservation, sustainable development and disaster risk reduction

Strategic Partnership

- Partnership with Global Geopark Mt. Lushan – intercultural peony project
- Partnership with University of Heidelberg, geoscience department – preparation for Symposium on Sustainable Development
- Partnership with the International Forest Art Association – International Forest Art Trail and Conference
- Partnership with regional fruit juice/wine company

Promotional activities

- Extension of Geopark honey network for partners and information centres
- Presentation of several new brochures (Geopark Magazines, Newsletters, Geotopes, Geopark-on-site, hiking maps, Mountainbiking brochure)

4. Contacts:

Manager: Reinhard Diehl (r.diehl@geo-naturpark.de)

Geologist: Dr Jutta Weber (j.weber@geo-naturpark.de, GGN delegate)

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Bohemian Paradise UNESCO Global Geopark (Czech Republic, European Geoparks Network)

Year of inscription / Year of the last revalidation: 2005/2016

Representative Photo – Day of the Geopark, 31. 7. 2016



2. GEOPARK FIGURES

Number of Geopark staffs: 37

Number of Visitors: estimated over 1 million in 2016 (over 250000 visitors of iconic geo-site castle Trosky, over 650000 visitors of Information centers)

Number of Geopark events: 12 (held by management)/27 (held by partners)

Number school classes realize Geopark educational programmes: 21

Number of Geopark press release: 11

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

Contribution towards GGN - Networking and Participation

- A. Participation in preparation of project “Valorisation of geo-heritage for sustainable and innovative tourism development of Danube Geoparks” (Partners: 8 European geoparks of “Danube” region, 2 universities, 2 other European geoparks, GGN. The main project result will be joint Danube GeoTour designed to strengthen cooperation between the regions’

Geoparks and act as an innovative tourism product to accelerate visibility and tourist visits in the geoparks. Common strategy for sustainable management of tourism pressures will form the basis for creating innovative geoproducts. Sharing experiences, testing pilot geotourism products and new interpretative approaches should increase local inhabitants' engagement, Geopark management capacities and lower the quality gap between Danube and other EU Geoparks. Application approved 13. 12. 2016, project starts 1. 1. 2017)

B. EGN magazine contribution

C. Attending in meetings/conferences of GGN/EGN in Spain and GB

D. Cooperation with Apuan Alps UNESCO Global geopark on educational exhibition Rains & Ruins

Management and Financial status

Management – Board of Directors (12 members, representatives of local municipalities, business and experts), Revision Board (3 members), Academic council

Financial status – multi-source financing, financial stability of Bohemian Paradise Geopark is gradually improving.

Geoconservation

Annual “Cleaning of Bohemian Paradise”

Sustainable tourism (Geotourism)

Excursions for visitors from whole world, new geo-tourist infrastructure (information panels on slope of Kozákov mountain), new geo-tourist map

New Education programmes on geoconservation, sustainable development and disaster risk reduction

New programme focused on Geo-hazards (landslides) combined with field trip through geologically the most active part of our geopark – Příhrazské skály.

Strategic Partnership

New strategic partners – town of Jičín, local destination management agency, local conservation agency, elementary school, auto-camp Sedmihorky

Promotional activities

EGN week, Day of Geopark, lectures

4. Contacts:

Manager: Jan Čermák, info@geopark-ceskyraj.cz

Geologist: RNDr. Václav Mencl, PhD., geolog@geopark-ceskyraj.cz

GGN - Geopark Annual Report 2016

1. Burren and Cliffs of Moher UNESCO Global Geopark, Ireland (EGN).

Year of inscription 2011. Year of the last revalidation 2015



Winners of National Geographic Destination Leadership Award ITB Berlin 2016

2. GEOPARK FIGURES

Number of Geopark staff: 2 (1 full time manager, 1 full time geologist.)

Number of Visitors: 1.3 million

Number of Geopark events: Geopark management 2

Partnership events: 7

Number school classes realize Geopark educational programmes: 1

Number of Geopark press articles: 55

3. GEOPARK ACTIVITIES

Major achievements in 2016

- Winner of National Geographic Destination Leadership Award ITB Berlin 2016
- Shortlisted for Irish Tourism Industry Awards

Contribution towards GGN - Networking and Participation

- Participated at September GGN meeting in Torbay UK
- Preparation for EGN CC meeting in Buren in March 2017
- Participation in EGN Meeting in Spain

Management and Financial status

- The Geopark continues to be administrated and part funded under Clare County Council with co-funding from the Geological Survey of Ireland, Failte Ireland and the GeoparkLIFE programme. <http://www.burrengeopark.ie/geopark-life/>
- In June 2016 Clare County Council employed to a permanent Geopark Geologist

Geoconservation

- Developed and printed new 'Leave No Trace' leaflets for coach, accommodation and other tourism providers.
- Developed outline plan for Fossil Collection Policy in collaboration with the Geological survey of Ireland.

Sustainable tourism (Geotourism)

- Developed an online code of practice for sustainable tourism businesses.

New Education programmes on geoconservation, sustainable development and

Disaster risk reduction

- An Integrated Catchment Management Project was launched at Lisdoonvarna Secondary School as part of the GeoparkLIFE programme with NUI Galway to promote and disseminate local awareness of local water catchments.
- Launched a new Heritage Interpretation Course for Geopark activity providers.

Strategic Partnership

- The GeoparkLIFE programme (2012-2017) is designed to strengthen strategic partnerships between local and national agencies, businesses and community groups.

Promotional activities

- Launched a promotional video with the Burren Ecotourism Network on Facebook which has had over 100,000 views to date.
- Printed and distributed a new Geopark informational map for local tourism businesses.
- Published Geopark newsletters in hard and soft copy
- Korean Broadcasting Systems visited the Geopark to make a documentary for broadcasting in South Korea.
- Held free public events at Geosites for National Heritage Week which were promoted nationally.
- Promotional event in Dublin showcasing the Geopark.

4. Contacts:

Manager: Carol Gleeson; cgleeson@burren.ie

Geologist: Dr. Eamon Doyle; edoyle@clarecoco.ie

Major Achievements in 2016



- Organization and promotion of the EGN week 2016. High involvement of local enterprises, local administrations, association and the Geological Survey of Spain (IGME) 22 activities and more than 800 participants, which point through an increase over the previous year.
- Support and organization of 24 sport events (triathlon, duathlon, ultramarathon, trail running, mountainbiking, swimming crossing, fishing , beach tennis and kayaking). Monitoring and compliance control.
- Collaboration and logistic support in the organization of cultural events like “classics in the Park “, the classical music festival, the contemporary dance festival “Contemporary coast”, “Night of the Candles and the moon”, flamenco festival “Flamenco 340”, and for the first time this year “Rodalquilar” an street art festival on the streets of Roldaquilar.
- Advice to audiovisual producers interested in the shooting of movies, documentaries and commercials. Monitoring and environmental compliance control. Collaboration with Andalusian Film Commission Office in relation to blockbusters. Up to 9 films, 7 TV series, 6 documentaries , 24 commercials shot and 2 videoclips.
- Collaboration with Universities and Research Centers: The Geopark manages all the field trips and research projects permits, and also provides assistance and guidance for any scientific or educational purposes and have been visited last year for universities like Cambridge, Stirling, Edinburgh, Granada, Complutense de Madrid, Munich, and many more.

Contribution towards the work of the EGN

- Participation of the Geopark official representatives in the EGN meetings at English Riviera (UK) and Costa Vasca (Spain).

- Participation in Andalusian Geoparks Coordination Meetings.
- Participation in the III Open Meeting of the Spanish Geopark Fora, held in Molina de Alto- Tajo Geopark (communication).
- Attendance at the Ordinary Session of the Spanish Geopark Comitee, held in Molina - Alto Tajo Geopark.
- Contribution to the Spanish Geoparks Fora libretto. Geoparks: sustaintable tourism most innovatives destinations and its presentation in FITUR 2017
- Contribution to EGN Volcanic Working Group´s book: "Volcanic Geoparks"
- Participation with a sand sample in the Sand Project by Muskau Arch Geopark

Management structure and financial status

- Change in staff new Director of the Geopark, Ms Lucía Tejero Trujeque and new geoscientist, Ms Gloria García Hoyo.
- Secure status and finance during 2016, granted by the Regional Government of Andalusia.

Conservation (geoconservation) strategy

- Maintenance and improvement of public use equipments. To protect especially important sites there has been several actions, like buying private lands; fencing areas at Los Muertos beach, Embarcadero beach at Los Escullos, among others.
- Demolition of ruins in high environmental value places (Los Escullos).
- Some geosites (Arrecife de las Sirenas, Arrecife del Dedo) are in process to be included in the Natural Monument List of the Andalusian government.

Strategic Partnership

- Geological Survey of Spain, University of Almería.

Marketing and promotional activities

- Participation in social networks and online periodical publication such the Natural Areas Network Bulletin.
- Launching of the Geopark´s Instagram Profile: @cabodegatanijar geopark
- First steps for the launching of the Geopark´s Facebook profile.
- Sustaintable Economic Development

Contacts:

Manager:	Lucía Tejero	luciatejero@juntadeandalucia.es
Geologist:	Gloria García	gloria.garcia.hoyo.ext@juntadeandalucia.es

CENTRAL CATALONIA (SPAIN)



Mr. Nakada and Mr. Alia visit our Geopark for the revalidation mission

Major achievements in 2016

- Received a Green card for our first revalidation. The mission took place in June and was carried out by Mr. Nakada (Japan) and Mr. Aloia (Italy).
- Appearance on catalan television show promoting the Geopark and its geotourism proposal.
- Co-organized a geotourism workshop with around 50 companies attending an participating on 25th April.
- 45 tourism businesses participate in the Quality Tourism training programme, 43 of them get the distinction.
- Hosted the XIX Spanish National Symposium on Teaching Geology from 11th to 16th June. Around 150 earth sciences high school professors were gathered.
-

Contribution towards the work of the EGN

- Participation in the EGN Committee meeting in the Basque Country and the Conference in the English Riviera.
- Participation in the National Forum meetings in June and November.

Management structure and financial status

- The Geopark is administrated and part funded under Bages County Council.
- The Geopark Board have agreed to a permanent full time post for the Geopark Scientific Director.

Conservation (geoconservation) strategy

- Establishing a Best Practices Manual in Sustainable Tourism with the St. Llorenç Natural Park local directed to tourism businesses.

Marketing and promotional activities

- Updated promotional leaflets.
- Edited and published the tale “Geopark, wow, a long time ago!” and represented in libraries of our county.
- Co-ordination of the Geopark Cantata “Queralt Somiatruïtes” performed by students of Bages County Music Schools.
- Published the Central Catalonia Geoparc Geological guide (Farell Ed.).

Sustainable economic development

- 2nd Central Catalonia Gastronomy Fair, promoting the Geopark’s local farmers and gastronomy.
- Co-ordination of new geotourism products including Wine, Cultural events and activity, Hiking and Accommodation.

Contacts:

Manager:	Cristina Rubio	cristina@geoparc.cat
Geologist:	Ferran Climent	ferran@geoparc.cat

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: **Chablais UNESCO Global Geopark (France, European Geoparks Network)**

Year of inscription / Year of the last revalidation : **2012 / 2016**

Representative Photo (from the most important event this year)



The Revalidation Mission of the Chablais UNESCO Global Geopark at the Museum of Geology and Prehistory, Sciez

2. GEOPARK FIGURES

Number of Geopark staffs: **4 dedicated staff including 1 geoscientist**

Number of Visitors: **Unknown.**

Number of Geopark events: **at least 50 organized by the Geopark**

Number school classes realize Geopark educational programmes. **93 classes; over 3000 children participated in workshops, projects and outings.**

Number of Geopark press release: **5 press releases and 3 information publicity articles. Launch of a new newsletter.**

3. GEOPARK ACTIVITIES

Major achievements in 2016

- **Successful revalidation of the Geopark with a green card for 4 years**

Contribution towards GGN - Networking and Participation

- **Participation in the European Coordination Committee meetings in the Basque Coast Geopark, Spain and the English Riviera Geopark, England**
- **Participation in an school exchange program in Val Seisia Grande Geopark, Italy with also the Rokua Geopark, Finland**

Management and Financial status

- The financial status of the Geopark is stable, no changes
- The management of the Geopark is stable, no changes

Geoconservation

- The launch of territorial Environment Commissions to oversee the establishment of site management plans for the 20 geosites of the "Georoute"

Sustainable tourism (Geotourism)

- Continued development of the Geopark partner program
- Educatour for the new Geopark partners
- Training and exams for heritage guides and mountain guides to become "Geopark Mediators"

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- Signature of an agreement with the la Versoie highschool for a three year partnership to promote sustainable development and local heritage
- Signature of a partnership agreement with all the primary schools of the Haute Savoie department
- Activities and workshops were offered in schools as well as field trips in the Geopark, a catalogue of outings was to 125 schools in our Geopark

Strategic Partnership

- Renewal of our agreement with "Tethys" the society of 40 approved Geopark Chablais guides
- Establishment of a pilot cooperation with Val Seisia Grande Geopark, Italy

Promotional activities

- Fete du Geopark - a celebration of the Geopark during European Geopark Week
- A celebration of built heritage by the Geopark in the territories first ever participation in the national science festival
- Decoration of roundabouts in the territory with the Geopark logo and web address

4. Contacts:

Manager: [Sophie Justice, coordinationgeopark@siac-chablais.fr](mailto:SophieJustice@siac-chablais.fr)

Geologist: [Sophie Justice Ph.D.](#)

Chelmos Vouraikos UNESCO Global Geopark – Greece GGN - Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Chelmos Vouraikos UGG, Greece, EGN.
Year of inscription: 2009 / Year of the last revalidation: 2015

Representative Photo



2. GEOPARK FIGURES

Number of Geopark staffs: 13 staffs including 11 of permanent staff and 2 external assistants (a Geoscientist and a Biologist).

Number of Visitors: The total number of visitors is difficult to estimate. Concerning the people visiting Chelmos-Vouraikos facilities and exhibitions in 2016, they are about 54000.

Number of Geopark events: 5 events held by Management Body and local authorities.

Number school classes realize Geopark educational programmes: 12 in Kalavryta (Exhibition)

Number of Geopark press release: 16 (only by the Management Body of Chelmos-Vouraikos)

3. GEOPARK ACTIVITIES

Major achievements in 2016 :

1. Global distinction for the protected area of Chelmos-Vouraikos National Park-Certification for Sustainable Tourism which marks the integration of Chelmos-Vouraikos National Park and UNESCO Global Geopark in the “European Charter for Sustainable Tourism.

2. Organization of 3 workshops and seminars for the dissemination of Geopark's activities to the public.

Contribution towards GGN - Networking and Participation:

1. Participation in the EGN Committee meeting in Spain and the Conference in English.
2. Hellenic Geoparks Forum Meetings (March-September 2016).
3. Contribution to EGN magazine Issue 14 'Diakopto-Kalavryta Railway, 120 Years of Beauty and History.
4. Sent a high definition video that represents the descent of a path that leads to the waters of Styx, one of the Geotopes in Chelmos-Vouraikos Geopark in order to embody it to the EGN video during the EGN CC.

Management and Financial status:

The national economic crisis affected the Chelmos Vouraikos Geopark income significantly. Geopark Management had to overpass obstacles and to deal with difficult challenges. Financial support achieved through the project "Natural Environment 2015" from the Green Fund, Ministry of Environment and Climatic Change.

Geoconservation:

Strengthening of infrastructure of Geotopes (signs on paths that connect Geosites and recreation equipment at specific locations to view the landscape) contributing to the geoconservation and sustainable development of the region.

Sustainable tourism (Geotourism):

Cooperation of Chelmos-Vouraikos Geopark with the Municipality of Kalavryta in order to participate in call for proposals to fund under national and European Programmes, aiming to create an exhibition space close to the Cave of the lakes

New Education programmes on geoconservation, sustainable development and disaster risk reduction:

"Journey to the Protected Area of Chelmos-Vouraikos" educational programme on geoconservation.

Strategic Partnership:

1. Cooperation with the Azores UNESCO Global Geopark for the celebration of the International Day of Monuments and Sites which intends to create a video with monuments and sites of interest from all the Geoparks in the world, to share on social networks and website. Also we sent some pictures of monuments and cultural sites of interest from our Geopark.
2. We sent a text titled " La frana del 1912 a Tsivlou /the 1912 landslide in Tsivlou " for the exhibition of Apuan Alps Geopark about the topics of flood, landslide and hydrogeological hazard.
3. We sent samples of sand for the exhibition of Muskau Arch UNESCO Global Geopark for the creation of a collection of samples from around the world for educational purposes.

Promotional activities:

Participation with the Municipality of Kalavryta in the 1st International Meeting for Alternative Tourism "NOSTOS EXPO" and the exhibition for the Peloponnesus, "PELOPONNESE EXPO 2016", with rich informative material of the Management Body of

Chelmos-Vouraikos about the promotion of biodiversity of the Chelmos-Vouraikos National Park and the prominence of the Chelmos-Vouraikos UNESCO Global Geopark

4. Contacts:

Manager: Eleni Koumoutsou fdxb@otenet.gr

Geologist (external assistant): Dr. G. Iliopoulos iliopoulosg@upatras.gr

Geologist: Topouzidis Nikos ntopou@yahoo.gr

1. GEOPARK IDENTITY

Geopark name, country, regional Network: **CILENTO AND VALLO DI DIANO UNESCO Global Geopark, ITALY**

Year of inscription / Year of the last revalidation **2010/2014**

Representative Photo (from the most important event this year)



European Parliament: award of the Charter for European Sustainable Tourism

2. GEOPARK FIGURES

Number of Geopark staffs: **34 staffs including 1 geoscientist(s)**

Number of Visitors: **If total number of the visitors to the geopark is difficult to estimate, show the number of the visitors to the major geosite(s), museum or visitor center. 1.000.000**

Number of Geopark events: **Clarify the events held by management body and cooperative organization 15 by Geopark and partners**

Number school classes realize Geopark educational programmes **114**

Number of Geopark press release **only web and local TV**

3. GEOPARK ACTIVITIES

Major achievements in 2016

- The Cilento and Vallo di Diano Geopark supported by Italian Ministry of Environment has been awarded the Charter for European Sustainable Tourism
- the Geopark has realized: a new virtual museum on geodiversity, a museum of Geo-biodiversity in a new Centre of Castellabate (SA) and aquarium
- National and international cooperation for the realization of projects financed by the European Community
- Celebration the European Geopark Week

Contribution towards GGN- Networking and Participation

- Attendance all meeting, conference and workshop of EGN, GGN and Italian Geoparks

- Submission of the article for publication in European Geopark Magazine 14
- Submission of the articles during 7th International Geoparks Conference in English Riviera (England) on September 2016

Management and financial status

- The operative structure of the National Park - Geopark is divided into three areas: Technical of Preservation Nature, General Affair and Communication-Promotion, for a total of 34 employees coordinated by a Manager. More specifically, the area Technical and Preservation of Nature has in its staff one geologists, an environmental engineer, an architect, a biologist, an agronomist, three surveyors, an agrarian expert and three administrative employees. After 2010 was created a specific structure only for Geopark with Geopark manager and his staff. In 2015 was created an specific office of UNESCO designations. The National Park - Geopark receives funds directly from the Ministry of Environment and obtains, with some project, funding from European Commission and Capania Region.

Geoconservation

- We support the activities to recover an important geoarcheological site Elea velia
- We are sponsored all the works to allow access for tourists in a cave in Camerota where there is the remains of Neanderthal Man and Homo Sapiens.
- We started to realize a master plane to manage all Unesco designations: an unique strategy of conservation

Sustainable tourism (Geotourism)

- The range of different recognitions received by the National Park has helped raise awareness of its importance as a research unit which allows, in a holistic manner, for the study of the complex interactions between natural, cultural, and social elements. Such an area allows for the study of the services rendered by each of these components, making a contribution to understanding the linkages between ecosystem services, sustainable development, and society's well-being. So in this way we coordinate of the development of themed trails through the Geopark promoting Food, Activity, Crafts, Cultural Events.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- Annual program of enviromental education in the schools of the park, with the purpose to introduce the young generations to environmental problems helping them to understand the values of the territory in which they live and the necessary actions for the correct maintenance and fruition. Such projects have been planned foreseeing moments

of popularization in the classrooms integrated by excursions on the territory for the direct knowledge of the natural beauties and particularly of the geo-diversity present.

Strategic partnership

- We are realizing with Italian University research project on biodiversity and geodiversity and cultural heritage
- We are realizing with all stakeholder a permanent forum to sustainable tourism

Promotional activities

- Participation some national and international workshop to promote the Geopark. Participation in national programs television were we speak about the Cilento and Vallo di Diano Geopark and the EGN-GGN and has published some articles on the news paper
- We have produced new videos to promote the Geopark
- A project to realize a new visibility (through a new panels) in all most important site and municipality of Geopark

4. Contacts:

Manager: Giovanni Ciao direttore@cilentoediano.it

Geologist: Aniello Aloia a.aloia@cilentoediano.it

GGN - Geopark Annual Report 2016

Copper Coast UNESCO Global Geopark 2016, Ireland, European Geoparks Network

Year of inscription 2004 / Year of the last revalidation 2015



2. GEOPARK FIGURES

Number of Geopark staff: 2.5 staff including 1 geoscientist

Number of Visitors: Circa 9,000 in 2016

Number of Geopark events: 14 in 2016

Number school classes realize Geopark educational programmes: 10

Number of Geopark press release: 7

3. GEOPARK ACTIVITIES

Major achievements in 2016

- Established the Copper Coast Festival with walks and talks promoting geological and environmental heritage in the annual calendar of events during European Geoparks to be run in 2017
- Secured funding from department of rural development to develop a path way connecting Geopark Visitor Centre to village of Bunmahon.
- Maintained existing grant from local authority.
- Completed a geology outreach and education program (Geoschools) with each of the local primary schools
- Established partnerships with other local social enterprise groups (Waterford Childcare committee and Treo) in promoting Geo heritage with preschool children and disadvantage youths respectively.
- Created Geological Guide to Waterford Greenway (major tourism infrastructural development) which runs nearby the Geopark

Contribution towards GGN - Networking and Participation

- Contribution Contribution to EGN magazine Issue 14 '*Geoschools primary education program*'
- Contribution to EGN newsletter no.7
- Hosted a visit from Zhangjiajie Global Geopark in November 2016

- Revalidation mission – Danxiashan G.G.

Management and Financial status

- The Geopark continues to be voluntarily run and administrated with limited funding from Waterford City and County Council and the Geological Survey of Ireland.
- A new part time Geologist was employed

Geoconservation

- Maintained and repaired existing network of Geological information boards and tables around the Geopark
- Created an interactive online map on updated website showing the location of Copper Coast Geosites and highlighting the Geoconservation issues at these

Sustainable tourism (Geotourism)

- Co-ordination of the development of themed guided tours through the Geopark promoting Ecology, Geology and local heritage sports (road bowling).
- Took part in West Waterford festival of food (local sustainable culinary heritage event)
- Put on a number of Geoheritage events for “Comeragh Wilds” festival to promote sustainable tourism in the area.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- Ran a primary schools geology education programme in local schools
- Finished Copper Coast Geopark biodiversity program with local community groups and schools
- Began a Copper Coast preschool geology program “Earth Sense”

Strategic Partnership

- Attended co-ordination meeting in November 2016 in Bilbao Spain to form part of Atlantic Geoparks application to INTERREG European regional development funding, contributed to application on part of education.

Promotional activities

- Copper Coast Live concert planned with a number of local bands
- Copper Coast Geopark Christmas fair ran in December 2016
- Maintained an active presence on social media

4. Contacts:

Manager: Robbie Galvin Robbie@coppercoastgeopark.com

Geologist: Robbie Galvin Robbie@coppercoastgeopark.com

GGN - Dali Mount Cangshan UNESCO Global Geopark

Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Dali Mount Cangshan UNESCO Global Geopark (China, APGN) .

Year of inscription / Year of the last revalidation: 2014.



2. GEOPARK FIGURES

Number of Geopark staffs: 23 staffs, including 2 geoscientists.

Number of Visitors: Mount. Cangshan Scenic Area received 980,000 tourists and more than 60,000 tourists visited the museum of the Geopark in 2016.

Number of Geopark events: 5 Geopark events were organized by the Geopark Administration in total.

Number of school classes realize Geopark educational programmes: 3 science popularization activities were held for high and primary schools in 2016.

Number of Geopark press release: 4 Geopark press.

3. GEOPARK ACTIVITIES

Major achievements in 2016: The official Geopark website reconstruction was started in May and most of the Chinese version of the website has been officially released at present. The Geopark openly solicited advice on “Dali Mount Cangshan UNESCO Global Geopark Mascot” from the public in September and appraisal is ongoing at present. In November, the Geopark successfully passed the review organized by the Ministry of Land and Resources of the People's Republic of China and has become a Land and Resources Science Popularization Base. In December, the Geopark invited Geopark experts to deliver a Geopark science popularization lecture to the Geopark staff. A total of 95 people participated in the lecture.

Contribution towards GGN - Networking and Participation: Relevant personnel from the Geopark participated in the “Global Geopark Annual Conference 2016” held in Zhijin Caves Global Geopark in Guizhou in April, 2016, participated in the 7th Global Geopark Conference held in U.K. and was rewarded the third prize of the "GGN Best Practice Award 2016” in September, and also participated in the “2nd Training Course on UNESCO Global Geoparks” held in Beijing in November;

Management and Financial status: In 2016, the Geopark earned a ticket revenue of RMB 25 million and an integrated tourism revenue of RMB 97 million.

Geoconservation: In May 2016, the Geopark started to compile the *Dali Mount Cangshan UNESCO Global Geopark Plan (2016-2025)* and carried out separate study into geological relics conservation. In August 2016, the Geopark declared the “Dali Mount Cangshan UNESCO Global Geopark Conservation and Utilization Facility Construction Project” to the National Development and Reform Commission, with a total investment of RMB 12.57 million.

Sustainable tourism (Geotourism): In 2016, the Geopark utilized its advantage in resources to establish a number of ecological leisure specific tourism brands such as Agritainment, inn and recreation, greatly promoting the development and income generation of surrounding industries and local residents. In 2016, the Geopark received 1,380,000 tourists, up by 19.65% from a year ago and it had 2,300 direct employees and 130,000 indirect employees, up by 6% and 7% respectively compared with those in 2014.

New Education programmes on geoconservation, sustainable development and disaster risk reduction: Education programmes on geological relics conservation of Geopark were carried out for 10 school classes.

Strategic Partnership: The Geopark signed a “Joint Base for Geoscience Research” agreement with Yunnan Geological Survey Bureau and Kunming University of Science and Technology, and also signed a “Joint Base for Geoscience Talents Cultivation” agreement with Kunming University of Science and Technology and Yunnan Land and Resources Vocational College.

Promotional activities: In May 2016, the Geopark started to develop the *Dali Mount Cangshan UNESCO Global Geopark – Market Development and Marketing Plan 2016-2025*. The Geopark distributed its publicity materials in important events such as the Global Geopark Annual Conference and the 7th Global Geopark Conference.

4. Contacts:

Manager: Lipei, yndlcsdzgy@163.com

Geologist: Li Zhiming(1649990558@qq.com), Li Junming(46212029@qq.com)

韶关市丹霞山管理委员会

GGN - Danxiashan Geopark Annual Report 2016

1. GEOPARK IDENTITY:

Danxiashan UNESCO Global Geopark of China (APGN) has become a member of Global Geoparks Network in 2004 and its last revalidation was conducted in 2016.



Photo: Revalidation in 2016

Left to right: Mr. Wang Weiyang (Deputy Mayor of Shaoguan City), Mr. Luo Weifeng (Mayor of Shaoguan City) and the two assessors, Dr. Tran Tan Van (Director of the Vietnam Institute of Geosciences and Mineral Resources) and Dr. Mike Sweeney (Director of Copper Coast Geopark)

2. GEOPARK FIGURES

Number of Geopark staffs: The Danxiashan Administrative Committee and Danxiashan Tourism Company Ltd., a direct subsidiary of the geopark, had a total of 591 staffs including 6 geoscientists.

Number of Visitors: The total number of visitors by the end of 2016 was 2,620,000.

Number of Geopark events: There were 70 different geopark events organized within the geopark. 70% of them were by the geopark and the rest were organized by local communities, schools and organization.

Number school classes realize Geopark educational programmes: 100 school programmes were organized during 2016.

Number of Geopark press release: Danxiashan had released 119 press reports and articles. Eleven of them were sent and posted in the web site of the Chinese Geoparks Network (CGN). All these reports are available for reading at www.danxiashan.org.cn.

3. GEOPARK ACTIVITIES

Major achievements in 2016:

- ✧ Completed and passed the revalidation in 2016.
- ✧ Upgraded the interpretation system of the whole geopark.
- ✧ Upgraded and renovated the museum and halls of Science and Education.
- ✧ Hosted the Symposium on UGG Application and Revalidation jointly with the Chinese Geoparks Network (CGN).
- ✧ Being awarded and accredited titles of ‘Danxiashan Nature School’ and ‘Environmental Education Centre’ by the Department of Environmental Protection of Guangdong Province.
- ✧ Being accredited and awarded the title of ‘Tourism Education Centre’ by the Tourism Administration Bureau of Guangdong Province.

Contribution towards GGN - Networking and Participation:

- ✧ Hosted four training workshops meetings jointly with the Science Popularization Centre of the Ministry of Land & Resources. Management staff from over ten UGG members of China participated and shared the experience of recruiting and training geopark volunteers to popularize geosciences.
- ✧ Hosted the Symposium on UGG Application & Revalidation in China together with the Chinese Geoparks Network (CGN) with the participation of more than 20 UGG members and four national geoparks of China.
- ✧ Attended the 7th Global UGGs Conference in English Riviera. Danxiashan had set up exhibition booth and given three oral presentation during the conference to share knowledge and experiences. The geopark was also interviewed by BBC and had been broadcasted all over the world through news. Attended the Annual Conference of CGN in Zhijindong Cave of Guizhou Province. The geopark had an exhibition booth, given one oral report, met and shared experiences with other geopark colleagues.
- ✧ Attended the 2nd Huangshan Dialogue on UNESCO Designated Places and Sustainable Development.
- ✧ Visited and communicated with sister-parks such as Jeju Island, Purnululu, Huangshan, Alxa and Taining
- ✧ Organized lectures and exhibitions for universities and museums around the country to promote Danxiashan and the geopark concept.

Management and Financial status:

The geopark was managed by the Danxiashan Administrative Committee under direct supervision of Shaoguan City. Protection of the valuable ecological environment, geological and cultural heritages to secure a sustainable development for the local community was the

primary objective of the management authority.

The total revenue of the geopark in 2016 was CNY 67,610,000 (USD9.8 million) with ticket sales (CNY ¥59,650,000) and funding (CNY ¥8,960,000) inclusive. The total expenditure was CNY ¥50,200,000 (USD7.3 million). The maintenance of a sound financial status ensured continual upgrading of the tourist and safety facilities for the long term growth of the geopark.

Geoconservation:

Conserving geological heritages together with the protection of biological environment were carried out through various means:

- ✧ Designed and established nine geotour and hiking routes with unique geological and biological interests are opened to the public
- ✧ Upgraded the whole interpretation system in the geopark by changing the designs, materials and contents of over 1,000 interpretative boards.
- ✧ Established a heritage data bank for Danxiashan's 200 geosites and 78 culture relics.
- ✧ Installed warning system to monitor the geosites and the sites of potential geological hazards.
- ✧ Produced a new, bilingual ten minutes video to introduce the geopark and Danxia land-form.
- ✧ Using drones or Unmanned Aerial Vehicles (UAVs) to monitor and manage the geosites and tourists.

Sustainable tourism (Geotourism):

- ✧ To facilitate the development of sustainable tourism specially geotourism, books targeted at general public had been published. Books such as *Danxiashan Common Wildlife Collection* and the *Pictorial Handbook of Science Famous Mountain---Danxiashan*, were among the very popular ones for people who were interested in the geology , ecology and culture of the geopark.
- ✧ To encourage students and the public to learn more about the geopark and the environment, a new Science Center, a Nature School and a library had been opened, providing free access to all study tours and geotours.
- ✧ Danxiashan also hosted in 2016 the 'Collegiate Tourism Culture Festival' together with Shaoguan University. Other activities such as the 'Best Guides Games', 'Experiencing B&B', 'Rural Tourism Planning' were also organized to train college students and business operators to get involved in the overall sustainable development strategy and plan of the geopark.
- ✧ The Government of Renhua County had funded CNY ¥100,000,000 (USD15 million) to upgrade and beautify the villages and their surrounding environment.

- ✧ Restaurants, hostels and B & B outfits providing superb quality services were openly commended and awarded to encourage further improvement in their services.

New Education programmes on geoconservation, sustainable development and disaster risk reduction:

- ✧ New outreach programmes were organized throughout 2016 reaching approximately 100,000 people. These included:
- ✧ Thirty-three lectures on science popularization of Danxiashan were organized for various universities and schools.
- ✧ Four lectures on science popularization were organized for geopark volunteers.
- ✧ The new Danxiashan Nature school provided lessons on geology, culture, ecology and environment protection for more than 10,000 young people
- ✧ Public education propaganda such as ‘Reduction of waste, lowering the noises, recycling used materials’ in the geopark conveyed a clear and friendly message to love the environment.
- ✧ Offering 70% discount on entry tickets and providing free training lessons to college students
- ✧ Provided Danxiashan scholarships and awards for good quality research papers and reports on studying the geopark.

Strategic Partnership:

- ✧ Established strategic partnership with Sun Yat-sen University, Shaoguan University and other universities and research institutions.
- ✧ Worked very closely with the Mangrove Foundation of Yuechengzhang Nature Academy, Home of Geoparks and other NGOs.
- ✧ Maintained strong partnerships with IAG on the study of red-beds and danxia landform, Geoparks Branch of the Geographical Society of China, China Geological Publishing House and the Geological Museum of China.

Promotional activities:

- ✧ In 2016, the management authority had added sixteen new traffic signs along the highway to Danxiashan to increase the visibility of the geopark.
- ✧ Advertisement of the geopark were also displayed at Guangzhou South Railway Station, Shenzhen North Railway Station and Beijing West Railway Station.
- ✧ Advertised the geopark through CCTV, Phoenix TV and other local TV and radio stations.
- ✧ Invited more than 100 domestic and overseas medias and travel agencies to visit and promote Danxiashan.

- ✧ Thirty-three lectures and ten exhibitions were organized to promote Danxiashan and UGG.
- ✧ Major annual event involving thousands of people such as ‘Hiking through Danxiashan’ continued to attract many domestic and overseas participants.

4. CONTACTS:

Manager: Mr. Xie Qingwei danxiashanaaaa@126.com

Geologists: Professor Peng Hua 30618788@qq.com

Dr. Wu Zhenyang 2901792603@qq.com



Danxiashan Global Geopark Administrative Committee

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Dongvan Karst Plateau UNESCO Global Geopark; Viet Nam; APGN;
GGN

Year of inscription / Year of the last revalidation: 2010/2014

Representative Photo



Mong Ethnic Cultural Festival

2. GEOPARK FIGURES

Number of Geopark staffs: 39 staffs including 3 geoscientists

Number of Visitors: 580.000+

Number of Geopark events: 5+

Buckwheat Flower Festival; Half Marathon; Mong Ethnic Cultural Festival; Lunar New Year Holyday; Khau Vai Love fair; Mong ethnic Panpipe Festival .etc.

Number school classes realize Geopark educational programme

200+ every year (in 40+ schools)

Number of Geopark press release:

- 4 news letters; 2 guide books; 1 leaflet; 5 educational programme books;

3. GEOPARK ACTIVITIES (bulletize)

- Well (continuing) implemented the recommendations of the 2014 re-evaluation
- Attending 7th International Conference on UNESCO Global Geoparks
- Fulfilled GGN annual fee responsibility
- In good Management and Financial status
- All Geosites are well protected,
- More Geosites are included in tourism with better interpretations
- Education programme is expanded with new audiences: local peoples and visitors
- Having Strategic Partnership with 2 UGG, 3 National Geoparks, 60+ other Organization (Transportation Companies, Hotels, Restaurants, schools, Universities...)
- Many Promotional programmes on TV, newspaper, on plane (of Vietnam Airline), events, publications, panel system, fairs. .etc.

4. Contacts:

Manager:

Nguyen Le Huy, Ph.D

hagiangeopark@gmail.com

<http://dongvangeopark.com/?lang=en>

hoangxuandon@gmail.com (for English)

Geologist:

Tran Tan Văn (trantv@gmail.com)

Do Yen Ngoc (yenngoc1968@gmail.com)

Tran Xuan Thao (thaottx.bql@gmail.com)

Annual Report of Dunhuang Global Geopark in 2016

1. Park identity

Name, country and local area network of geopark: Dunhuang Global Geopark (Chinese and Asia-Pacific Geopark Network)

Participation year: From July 19, 2015 to July 21, 2015, Dunhuang Global Geopark has successfully passed inspection and evaluation of experts in UNESCO Global Geopark Network Executive Board and joined in officially UNESCO Global Geopark Network in the 4th Asia-Pacific Geopark Conference on September 19, 2015.



Dunhuang Participates in 2016 International Training Class of
Geopark Management and Development

2. Geopark data

Number of employees: 256, including 6 geologists

Number of tourists: annual increment of annual reception tourists firstly breaks through 1,500,000 after hop skip and jump in 2016 and annual reception tourists reach 6,600,000, which realizes RMB 6,300,000,000 tourist income, which is respectively 4.4 times and 4.5 times of that in 2010.

Times of activities: 11

1. Dunhuang participates in 2016 international training class of geopark management and development in Beijing and has introduced application process of Dunhuang Global Geopark.

2. Zhang Ye National Geopark Authority comes to Dunhuang Global Geopark to investigate, learn and exchange.

3. A delegation of three people in Dunhuang Global Geopark participates in Hezheng Ancient Animal Fossils Protection and Utilization Seminar and has introduced basic condition of Dunhuang Global Geopark in the seminar.

4. Dunhuang Global Geopark comes to Zhijincaves in Guizhou to participate in 2016 Annual Meeting of Chinese Global Geoparks

5. Dunhuang Global Geopark participates actively in “4.22 World Earth Day” publicity week activities.

6. Dunhuang Global Geopark assists Culture Expo in Dunhuang City

7. Dunhuang Global Geopark issues publicity readings of geopark

8. Dunhuang Global Geopark comes to English to participate in the 7th International Geopark Conference

9. Summer camp for science popularization about Dunhuang Global Geopark

10. Outdoor hiking activity of Dunhuang Global Geopark

11. Publicity of science popularization about Dunhuang Global Geopark in schools.

Number of classes in schools carrying out education plan about geopark: 10

Number of news releases published by the Geopark: 28

3. Geopark activities

Main achievements in 2016: firstly, sort out ten rectification suggestions of the UN, convoke meetings to discuss, draw up rectification schemes and rectify one by one. Secondly, continue to coordinate and complete management organization problems of Dunhuang Global Geopark. Thirdly, complete and modify scope and border of geopark. Fourthly, strengthen external publicity and cooperation and exchange activities of geopark. Fifthly, speed up display degree and publicity strength of geopark.

Contribution to GGN—network activity and participation:

Dunhuang Global Geopark comes to English to participate in the 7th International Geopark Conference, 2016 international training class of geopark management and development and 2016 Annual Meeting of Chinese Global Geopark

Management and financial condition: continue to complete management organization of Dunhuang Global Geopark, improve geopark management function and integrate four park areas into a unified area and financial condition is fine.

Protection of geologic relics: Dunhuang Geopark greatly speeds up infrastructure construction by taking “International Cultural Industries Fair” as chance in 2016 and has clarified protective scope and protective class of Dunhuang Global Geologic Relics. Carry out systematic survey and identification to more than 70 geological relics in parks and establish complete geologic relic record.

Adopt isolation protection measures for important geological relic spots in Yardang scenery and construct facilities of pedestrian passageway, fence and warning sign in area easy to be damaged and improve accommodation condition for staff in park area and improve accommodation condition for staff in park area.

Complete electronic monitoring and control system for Mount Mingshashan and Crescent Moon-shaped Spring and install detection equipment for underground water level, dynamic

supervision equipment for Mingsha Mountain and wind power supervision equipment; implement airway dredging work for Mingsha Mountain and recover original geomorphological landscape in eastern gobi area.

Carry out digital protection and utilization work for Maogao Caves scenery Resort and complete intelligent monitoring system for special historical relics, such as cavern, fresco and precipice; limit reservation for number of tourists and implement wind prevention and sand fixation work in the top of Mogao Caves.

Sustainable tourism (geonomy tourism): Dunhuang Global Geopark develops rapidly, where: launch comprehensively large resort construction in Mogao Cave – Crescent Spring and Yangguan – Yumenguan; Mingsha Mountain • Crescent Spring successfully promotes to national 5 A class resort; western tourism service facility continues to complete and Yardang scenery is listed in World Natural Heritage Tentative List. Dunhuang City establishes tourism industry alliance with more than 50 cities along the Silk Road and domestic more than 70 domestic resorts (spots) and has opened brand-new chapter for world sharing of Dunhuang Culture. Implement two national strategies of “One Belt and One Road” and Chinese civilization inheritance and innovation area; construction of Dunhuang international cultural tourist famous city achieves great

breakthrough and International Aviation Port of Dunhuang Airport is approved by the State Council and realizes temporary opening and passenger and freight volume in civil aviation, railway and highway speeds up at 40%.

Form an alliance with 2 foreign cities and 4 domestic cities as friendly cities and receive 68-batch high-level foreign-guest diplomatic corps with number of people more than 700 from countries, such as India and Sweden and area exchange and operation is more extensive. Provide employment chance for more than 2000 people and greatly promote sustainable development of local economy and increase of resident income.

New education plan about geological relics protection, sustainable development and reduction of disaster risk: prepare 2016 Geology Science Popularization Education Activity Publicity Plan for Dunhuang Global Geopark; carry out science popularization activities, such as “4•22 World Earth Day Publicity Activities” , “Little Hand in Big Hand” and carry out hiking activities of Dunhuang Global Geopark and “2016 Summer Teenager Science Popularization Summer Camp” activity and complete 8 geonomy science popularization lectures with 751 people participating in.

Strategic partner: speed up deepening operation with communities within the scope of park and adjacent communities;

develop projects, such as catering and reception, peasant lodge, tourism service and fabrication and sale for unique craft franchised by Dunhuang Global Geopark and mobilize local residents to participate actively in establishment of geopark and carry out actively science popularization and environment protection and publicity. 168 peasant lodges and 107 peasant gardens are established adjacent to Mingsha Mountain and Crescent Spring Resort, which provides 1664 beds and simultaneously receives 3000 tourists for dining and provides employment opportunity for more than 800 people and annual income can reach RMB 20,000,000, which greatly promotes sustainable development of local economy and increase of resident income.

Publicity and promotion activities: advertise tourism image of Dunhuang on media, newspaper, periodical and Dunhuang Global Geopark Website all year round; display unique geological and geomorphologic landscape of the Geopark by utilizing ICIF and international training and has achieved favorable effect.

4. Contact person:

Manager: Guo Shihong dhgeopark@163.com

Geologist: Wu Fadong dhgeopark@163.com

Zhang Jianping dhgeopark@163.com

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Styrian Eisenwurzen UNESCO Global Geopark (Austria, European Geopark Network)

2004 Year of inscription / 2015 Year of the last revalidation



Picture: Celebrating 20 years of nature and geology protection in the Nature and Geopark Styrian Eisenwurzen (Courtyard of the castle hotel Kassegg with the festival market) Source: Julia Fressner, August 2016

2. GEOPARK FIGURES

Number of Geopark staffs: 5 staffs including 1 geoscientist(s)

Number of Visitors: Visitors of the 3 major sites: Wasserloch gorge: 25.000 – GeoVillage Gams: 8.200 - Spring Water Museum Wildalpen: 5.650

Number of Geopark events: 15

Number school classes realize Geopark educational programmes: 24

Number of Geopark press release: 20

3. GEOPARK ACTIVITIES

a) Major achievements in 2016

- 21st August 2016: Celebrating 20 years of nature and geology protection within the Styrian Eisenwurzen
- Staff changes: Irmgard Auer has left her position with June 2016 after 8 years. 1 new employee: Eva Maria Vorwagner

b) Contribution towards GGN - Networking and Participation

- Participation in the 37th European Geoparks Coordination Committee Meeting at the Basque Coast, Spain. Heinz Kollmann, Oliver Gulas, March 2016
- Participation in the Austrian Geopark Forum meeting. Heinz Kollmann, Oliver Gulas, March and November 2016
- Participation at an exhibition on landscapes of Geoparks at Lavender House, UNESCO Global Geopark Bakony-Balaton, Heinz Kollmann, May 2016
- Participation in the 38th European Geoparks CC Meeting and the 7th GGN Conference at the English Riviera, Great Britain, Oliver Gulas, September 2016
- Participation in the EGN Fossil Group

c) Management and Financial status

- Eva Maria Vorwagner has joined the management group in August. Besides her investigations on the biodiversity of the area she will be active in the cooperation with the Nature and Geopark schools.
- Application and Approval for the Interreg Project “Valorisation of geo-heritage for sustainable and innovative tourism development of Danube Geoparks” (Danube GeoTour) together with our Lead Partner Geopark Iridja, Slovenia and 8 other partners (European Geoparks, Universities), since March 2016
- The Nature- and Geopark is financed through contributions of the communities, the Province of Styria, international projects and its own income

d) Sustainable tourism (Geotourism)

- Summer programmes of our Geopark Partners (different activities 7 days a week throughout the Geopark), July – August 2016

e) New Education programmes on geoconservation, sustainable development and disaster risk reduction

- Implementation of a video station with learning programmes in the foyer of the local authority in the Geopark municipality St. Gallen, July 2016

f) Strategic Partnership

- Visit of a delegation of the republic of Georgia. The regional development as well as the Nature and Geopark highlights were communicated to employees of various ministries, June 2016

g) Promotional activities

- Publishing of an edited brochure of the Geopark in German as well as a new brochure in English including all kind of different information about sights, geology, nature, accommodation, surroundings and culture. February 2016
- Preparation of an article for the local magazine of the Azores Geopark, Portugal, July 2016 and an article for the Odenwald Magazine of the Geopark Bergstraße-Odenwald, Germany, August 2016

4. Contacts: Heinz Kollmann, heinz.kollmann@NHM-Wien.ac.at

Oliver Gulas MSc, oliver.gulas@eisenwurzeln.com

MIT UNTERSTÜTZUNG VON BUND, LAND UND EUROPÄISCHER UNION



GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

English Riviera UNESCO Global Geopark, UK, European Geoparks Network

Year of inscription - 2007/ Year of the last revalidation - 2015



Opening Ceremony of the 7th International Conference on UNESCO Global Geoparks

2. GEOPARK FIGURES

Number of Geopark staffs: The Geopark staff (1 person) is employed by Torbay Council with sole responsibility of managing the Geopark and with a further remit to support the UK Global Geopark Forum, UNESCO UK and the EGN AC. Geopark partners incorporate the Geopark remit into the roles of their staff. Additionally a geologist is available on a day to day basis through our partner Torquay Museum.

Number of Visitors: The English Riviera received 4.6 million visitors during 2016 but it is impossible to tell how many specifically came to visit the Geopark. However, visitor figures of our partners with ticket control in place for 2016 are:

Kents Cavern - 70, 000 and Torquay Museum 20,000

Number of Geopark events: 100

Number school classes realize Geopark educational programmes: 169 school classes had educational visits to or attended workshops at to the Geopark partner sites.

Number of Geopark press release 12

3. GEOPARK ACTIVITIES

Major achievements in 2016

- Coordinated and hosted the 7th International Conference on UNESCO Global Geoparks (GGN2016) plus all side meetings of UGG Council, GGN ExB, GGN General Assembly, GGN AC, APGN AC and CC, EGN AC and CC etc

Contribution towards GGN - Networking and Participation

- Melanie Border selected as member of UGG Council
- Melanie Border voted in as member of GGN ExB
- Melanie Border attended EGN AC meetings
- Nick Powe and Melanie Border attended EGN CC
- Melanie Border Chairs UK Committee for UNESCO Global Geoparks
- GGN evaluation mission carried out by Nick Powe

Management and Financial status

- Regular monthly management meetings have been held. Financial status currently stable and secure

Geoconservation

- Kents Cavern Conservation Plan written and published
- Public Space Protection Order introduced at Hopes Nose Site of Special Scientific Interest to deal with antisocial behaviour

Sustainable tourism (Geotourism)

- Increase in Geopark outdoor adventure activities led by Reach Outdoors
- Increase in GeoPark Adventure events including Duathlon, Triathlon Taster, Triathlon, GeoSwim, Geopark Sportive (Cycling), Riviera Rock Run

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- No new programmes, existing programmes continued including the Geopark featuring in the Collins National Curriculum text book for Geographical Enquiry

Strategic Partnership

- Hosting the conference helped to strengthen existing strategic partnerships thereby ensuring the Geopark was embedded in the most recently produced local strategic documents eg the English Riviera Destination Management Plan, the English Riviera Marketing Plan

Promotional activities

- GGN2016 received national and international press coverage specifically in Portuguese and Japanese media.
- GGN2016 twitter trended number one in the UK during the opening ceremony
- Two large conference supplements in Herald Express (local paper)
- GGN2016 and English Riviera UGG facebook sites actively updated the year
- Geopark featured in the 2016 English Riviera Holiday Guide

4. Contacts:

Manager: Melanie Border - m.border@englishrivierageopark.org.uk

Geologist: See section 2 above

FFOREST FAWR UNESCO GLOBAL GEOPARK (WALES, UK) ANNUAL REPORT 2016



Gorge walking at Bwa Maen, a major Geosite in Fforest Fawr UNESCO Global Geopark.

Major achievements in 2016

- **Fforest Fawr Geopark Revalidation 2016:** The Geopark was the subject of a Revalidation Mission by the EGN delegates Mr Vesa Kroki and Dr Manfred Kupitz who visited the Geopark between 18 - 21 June. They were introduced to its landscape, geology and activities involving communities and training programmes and met with members of the Geopark's management team, the management teams of community centres and the Brecon Beacons National Park Authority. The Revalidation Mission was successful and the Geopark has been designated as a UNESCO Global Geopark for the next four years.
- **Fforest Fawr Geopark Festival:** the Festival delivers European Geoparks Week locally as a 16 day programme and included a variety of activities in 2016 (18 in all) from 21st May to the 4th June including talks, field trips and activities for children. This event attracted over 1000 visitors to the Geopark.

- **35th International Geological Congress, 27 August – 4 September, Cape Town 2016:** The presentation *Intracontinental Deformation and reactivation, South Wales Coalfield, UK*, by T. Blenkinsop¹, T. Ramsay and A. Abu Sharib was delivered as a Keynote Address at the Conference by T. Blenkinsop. The presentation, based on research in Fforest Fawr Geopark is the product of the collaboration between the Geopark and the School of Earth and Ocean Science, Cardiff University (Geopark Partner) and Beni-Suef University, Egypt.
- **7th International Conference on UNESCO Global Geoparks, 27th – 30th September 2016.**The presentation - *Anomalous Faults and Folds in Fforest Fawr UNESCO Global Geopark*, by T. Ramsay, T. Blenkinsop and A. Abu Sharib.

Contribution towards the work of the EGN

- Participation in the 36th and 37th European Geoparks Network Advisory and Coordination Committee Meetings in the Basque Coast Geopark, March 2016, and English Riviera Geopark, September 2016.
- Contributions to the EGN Magazine, issue 13 and the EGN Newsletter, issue 7.
- Editing EGN Magazine 14
- Editing the 2nd Edition of European Geoparks
- Editing the EGN Newsletter.
- Julian Atkins acted as the catalyst for the Mining Thematic Group.

Management structure and financial status

Fforest Fawr Geopark is managed by members of its partnership organizations including: the Brecon Beacons National Parks Authority; the British Geological Survey; Natural Resources Wales; Dyfed Archaeological Trust; the Brecon Beacons Park Society; Cardiff and Swansea Universities and local businesses and tourism providers. The Geopark continues to be funded by the Brecon Beacons National Parks Authority.

Engaging with Businesses

- **National Park Ambassador scheme:** the Geopark contributed to this well-established scheme on 30 April and 27th September. Participants, mainly tourism providers were introduced to the geopark concept, and to the Geopark's holistic approach in using its geology, cultural history and industrial history for geotourism and education.
- **Business Improvement Days:** the Geopark organized and delivered 'Caves and Kilns' - a Geopark orientation day for local businesses on 23rd February at Ystradfellte Church Hall. This event focussed on the local lime-working industry set amidst a karstic landscape. A further event took place at Penderyn on 23rd March and another ('Coffee and Coal') at Ystradowen on 13th October.

- **“National Park Knowledge”**: this initiative focussed on introducing taxi drivers to aspects of the Brecon Beacons National Park and the Fforest Fawr Geopark in order for them to act as ‘ambassadors’ and story-tellers. An event on 10 March equipped taxi drivers with stories about numerous locations associated with the long military history of the area which extends from the Roman conquest of the Celtic Silures tribe in AD 77 to the present day.
- **Fforest Fawr Geopark Ambassador scheme**: this successful training programme for local businesses and tourism providers was delivered to two groups in February and again in October/November 2016. Participants were introduced to the Geopark concept, to the requirements of the charters of the European and Global Geoparks Networks and the rigorous evaluation and revalidation procedures which ensure that the Geopark designation stands for quality.
- **Local Ambassador scheme**: events were held at Abercrave in Cwm Tawe (26 January) at Ystradowen (10th February), at Pontsticill in the Taf Fechan valley (17th March) and at Defynnog in the Usk valley (21st March) and in Brecon on 13th September. Upland Ambassadors received Geopark training on 15th April and 13th May at Gilwern Hill. Waterfall Country volunteers were trained on 19th October
- **Tailored training for activity providers**: a Geopark training day with sixteen local adventure activity providers was held in the Swansea Valley on 29 January. Extreme weather caused a change of venue from that planned but was nevertheless very well received. A further ‘Dinas History’ day was provided for members of the South Wales Outdoor Activity Providers Group at Pontneddfechan in the Vale of Neath on 19th February
- **Talks**: to Pontypool ramblers (15th April), Llanfoist Historical Society (12th April), Abergavenny Rotary Club (9th August), Llandovery (7th September), Llangorse (26th October).

Partnership Activities

The Geopark was represented at several meetings of the South East Wales Group for **Regionally Important Geodiversity Sites (SEWRIGS)**. The group is involved in designing a geoconservation and interpretation programme for the Geopark and the wider region. Conservation work in the Geopark is also included in the activities of the Brecon Beacons National Park Authority, Natural Resources Wales and other Geopark partners.

Marketing and promotional activities

Marketing activities have continued within the context of the National Park as a whole. Fforest Fawr features as a sub-brand within that work and features within the destination’s website, visitor guide and related material. There is a Marketing Co-ordination Group made up of public and private sector bodies involved in marketing the area. This has invested further in the destination website, has commissioned a PR Agency and has developed a strong social media campaign.

Sustainable economic development

Sustainable Economic Development underlies much of what the Geopark is engaged in and which is reported elsewhere – particularly in working with businesses and communities. Over the past year a number of projects have contributed specifically to that goal, including:

- Rural Alliances Interreg IVB NWE project
- Beacons Way Development
- Route 49 Long Distance Road Cycle Route
- Underground project promoting safe access to caves
- Visitor Transport Initiative

Equally over the year the following major programmes (worth at least €50,000 pa) have been under development:

- LAND Interreg V project under development for Atlantic Area in 2016
- Food & Tourism
- Literature & Story Telling

Educational Activities

- **University of the Third Age – Crickhowell U3A Chapter:** the Geopark provided a presentation to the group on 2nd March
- **Geological Field Mapping Training Programme:** The School of Earth and Ocean Sciences, Cardiff University uses Fforest Fawr Geopark in the following training programmes:

a) First Year Students from the School of Earth and Ocean Sciences, Cardiff University, were trained in the principals of geological mapping at Moel Penderyn – a significant exposure in which a folded sequence of limestone and siliciclastic rocks is associated with a major fault, the Vale of Neath Disturbance.

b) Environmental Geoscience Students (Year 2) are trained in geological mapping on the faulted and folded rocks associated with the Cribarth Disturbance in the Upper Swansea Valley.

Research in the Geopark

- **Sediment DNA and pollen stratigraphy at Traeth Mawr Geosite:** This research involves scientists from Cardiff University's Schools of Biosciences, Earth and Ocean Sciences, and School of History, Archaeology and Religion, and Fforest Fawr Geopark.
- **The structural Geology of the Cribarth Geosite and the Vale of Neath Disturbance:** A collaborative project involving the School of Earth and Ocean Sciences, Cardiff University, and Beni-Suef University, Egypt and Fforest Fawr Geopark.

New Projects In the Geopark

- Explosive Times Project, The Glynneath Gunpowder Works: Within the Geopark, the National Park Authority has secured Stage one project development funding from the National Lottery 'Your Heritage' Fund to progress the conservation and interpretation of South Wales' only gunpowder works.

Contact Details. Julian Atkins <Julian. Atkins @breconbeacons-npa.gov.uk>
Tony Ramsay <tonhel@btinternet.com>



中国伏牛山世界地质公园

China Funiushan Global Geopark

GGN-China Funiushan UNESCO Global Geopark

Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Funiushan UNESCO Global Geopark, China, Asia Pacific Geoparks Network

Year of inscription / Year of the last revalidation: 2006 /2014

Representative Photo (from the most important event this year): See the photo below

2. GEOPARK FIGURES

Number of Geopark staffs: 59 staffs including 8 geoscientists

Number of Visitors: According to incomplete statistics, the number of visitors to the major geosites and museums is 13.86 million

Number of Geoparks events:

The number of events held by management body and cooperative organization is 5 times, the details are as follows:

1. In January 2016, Funiushan UNESCO Global Geopark signed sister geoparks agreement with Wangwushan-Daimeishan global Geopark held by the Administration Committee of Funiushan UNESCO Global Geopark;
2. In June 2016, Dr. Zhang Zhonghui, national geopark expert and professor of engineering from Geology Investigation Institute of Henan province, was invited to give special training classes for the geological tour guide in the geopark;
3. In June 2016, a symposium about geopark's construction and development was held by Administration Committee of Funiushan UNESCO Global Geopark;
4. In October 2016, Funiushan UNESCO Global Geopark signed sister geoparks agreement with Finland UNESCO Global Rokua Geopark;
5. In October 2016, the Administration Committee of Funiushan UNESCO Global Geopark invited Zheng Yuan, the director of Chinese Geoparks Network to introduce UNESCO global geopark re-evaluation requirements and give technical guidance for Funiushan UNESCO Global Geopark's revalidation in 2018;

Number school classes realize Geopark educational programmes:

In April 2016, more than 200 primary and middle school students from Nanyang city visited Xixia



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China Funiushan Global Geopark

Dinosaur Relics Park and other geosites to take part in "Earth Day" science educational activities and etc..

Number of Geopark press release

30 articles were released in Henan Daily, Nanyang Daily and on the official website of Funiushan UNESCO Global Geopark

3. GEOPARK ACTIVITIES

Major achievements in 2016

-In Zhoujiagou, Xixia county fossil site (Xixianykus zhangi xü et al), one dinosaur fiberglass model was set. In China Xixia dinosaur-egg fossil museum, more than 200 dinosaur eggs were restored, 760 dinosaur eggs were received and transferred, and in addition, more than 20 fossil samples were collected.

Contribution towards GGN - Networking and Participation

-In January 2016, according to the requirements of UNESCO global geopark, the vector map (English version) of Funiushan UNESCO global geopark was provided;

-In February, annual report 2015 was submitted to GGN;

-In March, the payment was made to UNESCO as the membership of GGN;

-In December, the information of Funiushan UNESCO Global Geopark on GGN website was corrected and video materials related with the geopark were also provided to GGN as one of the partners of International Year of Sustainable Tourism for Development.

Management and Financial status

Operating expenses at different levels of administration are incorporated into the budget of the local government and independent accounting is carried out as well. Special funds invested or offered by the State government for preserving separate geological heritage are set aside. The fund put into the geoconservation, science popularization, and scientific investigation mainly comes from the project funding offered by the superior financial departments and financial appropriation of local governments. The main project implemented in 2016 was geological relic protection in Songxian Park, Funiushan UNESCO Global Geopark, funded by provincial finance with the total money of 4.4 million Yuan, by now the work of design, evaluation, and bid inviting has been finished.

Geoconservation

-In scenic spot --Jiguan Cave, Atomization facilities and Circulation leaking equipments were installed to strengthen moisture in cave from air-slake. Cold light source system was installed to

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China Funiushan Global Geopark

reduce the influence of light and heat to karst cave.

-Preliminary investigation of dinosaur-egg fossil excavation in the area of Huicheling and Zhaoying resevior, Xixia County, the excavated application materials were completed, and the fossil excavation and protection work will be carried out after the formally reply by the Ministry of Land and Resources.

Sustainable tourism (Geotourism)

In 2016, the geopark practiced geotourism promotional activities in all parks, according to incomplete statistics, the visitors all the year are about 13.86 million people, and the total tourism revenue was about 3.85 billion Yuan.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

In November 2016, the geopark representative took part in The 2nd International Training Course on Geoparks Management and Geo-conservation.

Strategic Partnership

-In January 2016, Funiushan UNESCO Global Geopark signed sister geoparks agreement with Wangwushan-Daimeishan UNESCO Global Geopark from China;

-In October, signed an agreement with Rokua UNESCO Global Geopark from Finland;

Promotional activities

-In April 2016, representatives from the geopark took part in 2016 annual meeting of Chinese global geopark in Zhijindong, Guizhou province;

-In October, attended the first session of Shennongjia Global Geopark Forum Meeting;

-In November, representatives joined in the study of The 2nd International Training Course on Geoparks Management and Geo-conservation, held in Beijing. During these meetings and training course, the participants could get better communication among representatives from other geoparks;

-In December, visited sister geopark--Wangwushan-Daimeishan UNESCO Global Geopark.

- cooperations with websites including phoenix, Sina, Baidu, Tencent and so on to promote geotourism.

4. Contacts: No. 8, Xinglong Rd, south of Baihe, Nanyang city, Henan, P. R. China

Telephone: : 86 (377) 63108390

Manager: Li Jun E-mail address: hfnsgyglj@163.com

Geologist:8 geologists are as follows:Zhang Guowei academician; Zhang Tianyi, Wang Deyou professor level senior engineer; Qin Zheng, Zhao Hongyan senior engineer; Dr. Wu Mei

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Gea Norvegica UNESCO Global Geopark, Norway, EGN



2. GEOPARK FIGURES

Number of Geopark staff: Four staff member including two geologists

Number of Visitors: Entrance to the Geopark localities are free and accessible 24/7, it is not possible to count at the moment. Participates on the free guided tours are increasing. (900)

Number of Geopark events: 30 guided tours and 20 outdoor and indoor events

Number of school classes realize Geopark educational programmes 16 school classes

Number of Geopark press release: 25

3. GEOPARK ACTIVITIES

Major achievements in 2016.

- Establish a 90-meter long outdoor timeline with 19 panels placed on local rocks, telling important events in the Earth's history.
- New information signs on localities. Started updating panels with new logo
- Developed a new tour concept in Kragerø, "Munch Ibsen and the Norwegian bedrocks"
- Developed a special guided boat trip along the coast, with geology and coastal culture and history.
- Developed a new English tourist brochure, tourist map and new series of four pages new thematic brochures from different localities, English and Norwegian

Contribution towards GGN - Networking and Participation

- Participation in the European Geoparks Network Coordination Committee meeting in Basque Coast and in English Riviera. Participation in the GGN Conference in English Riviera Geopark.
- Our Manger is treasure in GGN and participates in several GGN activities. (workshops in Beijing in China, in Saaremaa in Estonia and in Hartz in Germany).
- Four revalidations/evaluation; two in China, one on Iceland and one in Iran.
- ITB in Berlin

Management and Financial status

Gea Norvegica Geopark is an inter-municipal company. The Geopark is owned by eight municipalities and two counties. The Geopark is fully financed by the owners, according to a legal agreement. The Geopark have three full time positions, and two part-time positions

Geoconservation

According to Norwegian law and local regulations, the Geopark panels are equipped with intervention about how to behave.

Sustainable tourism (Geotourism)

Participation with local tourism enterprise. Focus on knowledge based tourism

New Education programmes on geoconservation, sustainable development and disaster risk reduction

No new, continuing with the same programs on the broad Geopark subjects

Strategic Partnership

Partnerships with local enterprises and hotels. Norwegian University of Life Sciences, University of Oslo, Natural History Museum. Friluftsrådet, University College South East Norway, Telemark museum, Århus Farm.

Promotional activities

Program for guided tours, general leaflets website Newsletter.

4. Contacts:

Manager: Kristin Rangnes: kristin.rangnes@geanor.no

Ingeborg Klepp: ingeborg.klepp@geanor.no

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

GEOLOGICAL AND MINING PARK OF SARDINIA, ITALY UNESCO Global Geopark
(European Geopark Network)

Year of inscription 2007/Year of the last revalidation 2013



Presentation of the Geopark activities for high school students during the 4th edition of the National Earth Planet Week

2. GEOPARK FIGURES

The permanent staff is composed of 6 technicians, 3 administrative and 2 geoscientists.
The Geopark also has got 59 guides.

In 2016 we had 21,000 visitors at the Coal Mining Museum located in the Great Coal Mine of Serbariu in Carbonia, and about 30,000 visitors at Porto Flavia (Nebida Mine, Iglesias).

Geopark events by management body. La Maddalena May 7, 2016. Celebrations of Lovisatian's Year (2016): Commemoration in memory of the hundred years after the death of the scientist and geologist Domenico Lovisato. Conference on: "*Domenico Lovisato: a garibaldinian geologist*" in collaboration with the Universities of Cagliari and Sassari, La Maddalena National Park and local associations.

Carbonia May 21, 2016. European Night of Museums at the Coal Museum in the Grande Miniera di Serbariu, with guided tour at the underground tunnel. In collaboration with the Italian Ministry of Culture and Tourism.

Iglesias, August 5, 2016. Tenth edition of the National Competition "Mining Geopark Thesis and Doctorate Renzo Pasci Award".

VIII National Day of Mines May 28, 2016. Guided tour along part of the route of Gutturu Mannu-Pixinamanna-Is Cannoneris.

Geopark events by cooperative organization. Reportage dedicated to the history and architecture of the great epic period of Sardinia mining with attention to natural and geological beauties in collaboration with ISPRA TV. May 26-30, 2016. Visits to Ingurtosu Mine and Dunes of Piscinas (Arbus), Rosas Mine (Narcao), Mining Archive of Monteponi and Porto Flavia (Masua Mine, Iglesias), Su Zurfuru Mine (Fluminimaggiore), Galleria Henry (Planu Sartu mine, Buggerru).

8th National day of Mines. May 28-29 2016. numerous events of guided tours and shows in collaboration with IGEA S.p.A., Iglesias Municipality, ATI Ifras Society, SUZURFURUMINE cultural Association, Miniere Rosas Association.

Number school classes realize Geopark educational programmes.. In collaboration with ATI Ifras Society Ludic laboratory for primary school from Orani entitled "Once upon a time the mine and there is still". Pupils in classes of Secondary School of First degree 1AA, 1AB, 1AC and 2ab of Arbus, won the national competition "Article 9 of the Constitution" Active Citizens for the landscape and the Environment" with a video entitled "what you love remains", June 7 2016. A hundred students of classes 3 and 4 of the classic and Scientific High School of Applied Sciences ITI from Tortoli, Euclide high school of Cagliari, Pythagoras High School from Isili and Laconi and Asproni High School from Iglesias, participated in the project "crocodiles, sharks, turtles Stories of fossils in Cagliari and the urban area". The initiative was promoted by the University of Cagliari in collaboration with the Geological and Mining Park of Sardinia. Students created a geo-paleontological itinerary in the city of Cagliari with digitization laboratories, geology, and archival video making

Number of Geopark press release. Gazzetta del Sulcis, and press release on web site of Sardinia Geopark.

3. GEOPARK ACTIVITIES

Major achievements in 2016. Reform of the Geological and Mining Park of Sardinia

Contribution towards GGN-Networking and Participation. Participation in the 37th European Geoparks Meeting Basque Coast Geopark – Spain, March, 16-19 2016. Participation in the 7th International Conference on UNESCO Global Geoparks e 38th EGN Coordination Committee Meeting, English Riviera GGN Geopark, Torquay UK. September, 25-29 2016.

Management and Financial status. The Management Board of the Geopark is composed of: The President; The Governing Council (10 members); The community of Park; The board of auditors. The scientific committee (5 members): advisory body of the consortium of the Geopark; the Director: management body of the Geopark. Financial status: Italian Governement.

Geoconservation: we carried out the study and the identification of new geological sites in aadition to the planning for the development of some of these.

Sustainable tourism (Geotourism): Guided tours to St. Barbara Cave, Porto Flavia, Galleria Henry. Stay and tours to the Rosas Mine.

4. Contacts:

Manager: Francesco Muntoni Ph.D. francescomuntoni@parcogeominerario.sardegna.it

Geologist: Roberto Rizzo Ph.D. robertorizzo@parcogeominerario.sardegna.it



GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: *Grutas del Palacio UNESCO Global Geopark, Uruguay*

Year of inscription / Year of the last revalidation: *2013*

Representative Photo (from the most important event this year)



Geology students and guides accompanying visitors during 1st Uruguayan Geotourism Week.

2. GEOPARK FIGURES

Number of Geopark staffs: *18 technical and administrative staffs including 2 geoscientists.*

Number of Visitors in 2016:

14268 to Grutas del Palacio geosite; about 20000 people to Flora and fauna Reserve site; 781 visitors to “El Arenal” geosite; camping area with 5200 visitors in Bartolomé

Hidalgo geosite; about 40000 people assistance to Music Show in Bartolomé Hidalgo site during three days in January; 350 to Chamanga rock paintings geosite; 4700 visitors to the city Museum.

Number of Geopark events:

Number school classes realize Geopark educational programmes

2 rural and 9 urban schools visited by Professor José De León and Geopark lectures.

About 700 scholar students were achieved.

3. GEOPARK ACTIVITIES

Major achievements in 2016 - Contribution towards GGN - Networking and Participation 7th International Conference on UNESCO Geoparks. (Torquay, United Kindom)

Draft estatutes of Latin America and Caribbean Geoparks Network

Management and Financial status

During 2016 the income and outgoings amounts were U\$S 308000 and U\$S 226600 respectively. Positive balance: U\$S 81400

Geoconservation: *using a systematic approach during 2016 was done an inventory study to ensure strategies for conservation on several geosites. This work was done by two geologist students to obtain their degree in Geology.*

Sustainable tourism (Geotourism): *1st Geotourism National Week (March, 21st to 26th), during Esaster days almost 1000 visitors were reached in activities in different geosites.*

Strategic Partnership

An agreement was signed with the Flores Tourism Chamber to promote and organize touristic joint activities.

4. CONTACTS:

Manager: Lic. Diego Irazábal (diegoirazabal@gmail.com)

Scientific Coordinator: Dr. Geol. César Goso (cesar.goso@gmail.com)

GGN - Geopark Annual Report 2016

Haute Provence UNESCO Global Geopark

1. GEOPARK IDENTITY

Geopark name, country, regional Network:

Haute Provence UNESCO Global geopark (France)

Year of inscription / Year of the last revalidation: 2015

Representative Photo (from the most important event this year)

2. GEOPARK FIGURES

Number of Geopark staffs: 6 people including 4 Geoscientists

Number of Visitors: Estimation on all the territory around 150.000 visitors. Visitors of the Musée Promenade: 16.000 visitors

Number of Geopark events: around 50 events directly organized by the UGGp

Number school classes realize Geopark educational programmes: 40

Number of Geopark press release: 63

3. GEOPARK ACTIVITIES

Major achievements in 2016

80 sites newly equipped, opening of a new exhibition room inside the Musée Promenade

Contribution towards GGN - Networking and Participation

- Participation inside the 37 EGN Meeting , Basque coast
- Participation inside the 38 EGN meeting and 7th GGN conference, English Riviera
- Creation of an ERASMUS project with Aspiring spanish Geopark (Spain, LLoras)
- Constitution of a Horizon 2020 project with UGG Hateg, Lesvos, Central Catalunya
- creation of the promotional videos for EGN and GGN
- Management of GGN secretariat
- Participation inside the International Geopark course (China, januaray and november 2016)
- Participation inside the UNESCO Geopark intensive course (Lesvos)
- Reception of Delegations from Fangshan UGGp, Shennongjian UGGp, Balkony-Balaton UGGp

Management and Financial status

In 2016 the managements by the Syndicat Mixte du Massif des Monges as well as the financial status were stable and unchanged

Geoconservation

Through a formal partnership with the Geopark the Geoconservation is realized by the National geological Natural reserve of haute provence and mainly based on the control of the geological protected area by two guards. Project were developed on the Site museum of ichthyosaurus, as well as a global project on the " ammonite slab"

Sustainable tourism (Geotourism)

Development of new Geopark partners: 12 new hotels, 12 Geopark producers, 2 restaurant, 6 outdoor activities

New Education programmes on geoconservation, sustainable development and disaster risk reduction

Working on the opening to the public and the pedagogical equipment of 3 new Geopark sites connected with natural risk

Strategic Partnership

Developing new partnerships with tourism offices and local stakeholders. Extension of Geopark partnership policy.

Promotional activities

63 media release and 23 specific video realized on Geopark activities
45 municipalities covered by drone video
participation in several events and promotional fairs

4. Contacts:

Manager: Guy Martini, guy.martini@hotmail.com

Geologist: Guy Martini, Joelle Gamet, Jean Simon Pages, Marie Jo Soncini

GGN - Geopark Annual Report 2016

GGN Geopark Annual Report should be two pages

1. GEOPARK IDENTITY

Geopark name, country, regional Network: **Hexigten UNESCO Global Geopark (China, APGN)**

Year of inscription / Year of the last revalidation: **2005/2013**

Representative Photo (from the most important event this year)

Mascot of Hexigten UNESCO Global Geopark



2. GEOPARK FIGURES

Number of Geopark staffs: **162 staffs including 7 geoscientists, 5 employee.**

Number of Visitors: **4.5 million**

Number of Geopark events: **18**

Popularization Activity of “Back-to-School”; Mascot Collection Activity; Activities on the 47th World Earth Day; Recruiting of Little Interpreter; Paper-cut Contest with the theme of “Hexigten Global Geopark in My Heart”; The first Farming Culture Festival; Soong Ching Ling International Summer Camp; The 10th International Tourism Festival of Steam Locomotive; The 10th Winter Fishing Festival; The 8th Winter Camel Festival; The first Ice Fishing Festival; The first Snowmobile Contest, etc.

Number school classes realize Geopark educational programmes: **40**

Number of Geopark press release: **37**

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

Field Work on Hexigten UNESCO Global Geopark; Apply for Geopark Extension; Formulation of geoheritage protection plan; Preparatory work for Folk-custom Exhibition Hall; Research on the formation of Dali Nur Lake; Updated and improved the basic infrastructure、signing and interpretation system in west and south part of the geopark;

Contribution towards GGN - Networking and Participation

Visit to Danxiashan & Mount Tianzhushan Global Geopark ; Take part in International Course on Geoparks Management and Development, Beijing 2016; Annual meeting for UNESCO Global Geoparks in China-2016; The 18th China Mining Congress; The 7th International Conference on Global Geoparks; Arxan geopark's application and evaluation for the membership of UNESCO Global Geoparks, etc.

Management and Financial status

Administration for Hexigten UNESCO Global Geopark has 5 departments and 18 staffs, with well financial situation. The tourism revenue in 2016 is 3.8 billion RMB, a year-on-year growth of 9.1%.

Geoconservation

Application for 10 million RMB special fund of geoconservation; Plenty of activities for geoconservation; Free materials to the public.

Geoconservation promotion activities, distributed promotional materials to the public.

Sustainable tourism (Geotourism)

In 2016, the geopark witnessed 4.5million tourists, a year-on-year growth of 2.97%. There are 145 restaurants and hotels, among which 10 star-rated hotels and 13 travel agencies. Over 30 thousand people were directly or indirectly working for the tourism industry.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

Make plans for the geoheritage protection and science popularization of 2016; Finished the 13th Five Year plan of geoheritage protection.

Strategic Partnership

Cooperate with China University of Geosciences, Beijing, local hotels, local tourism commodity company and TV station, etc.

Promotional activities

Take part in ChiFeng Tourism Promotional Fair; The activities of the branch venue of Inner Mongolian in China tourism day; 18 outside fixed promotional boards and TV promotion.

4. Contacts:

Manager: Cang Jin, hexigtengeopark@163.com

Geologist: Mingzhong Tian

GGN - Geopark Annual Report 2016

1. GEOPARK The Hondsrug The Netherlands,

European Geopark Network:

Year of inscription / Year of the last revalidation 2013

Representative Photo (from the Geopark congress in may)



2. GEOPARK FIGURES

Number of Geopark staffs: 2,5 staffs including 0,6 geoscientist(s) and 0,5 geoscientist from the province of Drenthe

Number of Visitors: 85000 to the Hunebed center.

Number of Geopark events:

55 events are organized by the Hondsrug Bureau.

About 25 events are organized by the Hunebed center.

Number school classes realize Geopark educational programmes 5

Number of Geopark press release 13

3. GEOPARK ACTIVITIES

Major achievements in 2016

- We finished out masterplan 2017-2027
- We made a new bicycle route in the North called “the prehistory in Groningen”
- We started a project to make entrepreneurs Ambassadors of the Geopark.
- We had 5 exhibition about art on stones.
- We developed a long distance walking trail. “The Hondsrug pad”.
- We had four network activities with partners in the region.
- Students started a project to develop a prehistoric playground.

Contribution towards GGN - Networking and Participation

- We invited Nicolas Zouros to our Yearly conference.
- We participated in the EGN meeting in the Basque Coast.
- We participated in the GGN conference in the English Riviera.

- We had visitors from Qeshm Island Geopark Iran.
- Together with the German Geopark Terra Vita and the province of Drenthe we started an Intereg project about Unesco and marketing.
- Three initiatives for aspiring Geoparks in other regions in the Netherlands visited our Geopark.

Management and Financial status. Healthy.

Financed by 7 municipalities and two provinces. Total amount €345.000,-.

Geoconservation

Sustainable tourism (Geotourism)

New Education programs on geoconservation, sustainable development and disaster risk reduction.

- We started the educational program. "The soil beneath our feet". In this program Children learn about the layers in the soil and the way Oil en gas reserves were formed, They learn about the ice age and the forming of the Hondsrug Area.
- We started an Ice age Lesson in the field.

Strategic Partnership: We are a network organisation and have many partnerships.

- Entrepreneurs
- Marketing Organisations
- Nature conservation organisations.
- Universities and schools
- Municipalities
- Provinces

Promotional activities:

- 52 promotional spots on the National Television
- 2 weeks a presentation on a big promotional Screen.
- 20 advertisements
- 8 articles for free publicity
- 13 press releases
- 9 Monthly activity Calendars distributed.

4. Contacts:

Manager: Cathrien Posthumus, C.posthumus@geoparkdehondsrug.nl

Geologist: Gretha Roelfs G.roelfs@drenthe.nl en Marnix Deterd Oude Wemem.derterd@geoparkdehondsrug.nl

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Hong Kong UNESCO Global Geopark (HKUGG); China, Asia Pacific Geoparks Network (APGN) and Chinese Geoparks Network

Year of inscription / Year of the last revalidation: 2011/2015



Representative Photo:

Hong Kong UNESCO Global Geopark Gourmet Competition 2016

2. GEOPARK FIGURES

Number of Geopark staffs: 21 staffs including 3 geoscientist(s)

Number of Visitors: remain stable at 1.4-1.5 million per year

Number of Geopark events: 22 events held by management body and 11 events co-organised with cooperative organizations.

Number school classes realize Geopark educational programmes: A total of 30 geopark school activities covering classes in primary schools, high schools and Universities.

Number of Geopark press release: Over 100 pieces

3. GEOPARK ACTIVITIES - Major achievements in 2016 are summarized below:

Contribution towards GGN - Networking and Participation: HKUGG recognises the important roles and functions of networking and partnership in the geopark networks. To facilitate knowledge exchange and experience sharing, we co-organised and participated in a series of networking and promotional activities, including (1) the 2nd Geoscience Capacity Building Workshop co-organised with the Ministry of Land and Resources (MLR) of the People's Republic of China (PRC) in HKUGG; (2) the APGN Exchange Week co-organised with the Japanese Geoparks Network (JGN); and (3) the 7th International Conference on UNESCO Global Geoparks (UGG) held in the English Riviera UGG during the reporting period.

Management and Financial status: The management and financial status of HKUGG remains stable with an annual recurrent budget of US\$3.74 million. An addition of around US\$0.51 million was allocated to HKUGG for enhancing the visibility of HKUGG and the UNESCO Global Geopark in 2016. The provision covers key management areas including (i) patrol and management; (ii) hardware and infrastructure; (iii) science popularization and promotion; (iv) staff training and (v) local engagement and sustainable socio-economic development.

Geoconservation: Located in the eastern part of Hong Kong and extended from the northeast New Territories to the Sai Kung area, HKUGG is a single entity where sites and landscapes of international significance are holistically managed with the support of local communities and other geopark stakeholders. With a view to strengthening the existing planning controls and conserving the outstanding ecological, landscape and geological features of HKUGG, statutory plans covering over 270 hectares of HKUGG were gazetted or approved in 2016.

Sustainable tourism (Geotourism): HKUGG received 1.4 to 1.5 million local and overseas visitors each year in the past five years, and the numbers are expected to increase further. HKUGG continued to work closely with the tourism industry and geopark communities in co-organised capacity training and promotion of sustainable geotourism activities. Currently, HKUGG has 48 geopark guides.

New Education programmes on geoconservation: To promote earth science and enhance public awareness of the importance of nature conservation, HKUGG continued to host new and innovative science-popularisation activities including (i) educational programme titled “Design Field Trip Activity for Life-wide Learning Experiences” which attracted teachers from around 40 local primary and secondary schools; (ii) student exchange programme co-organized with Zigong UGG of China, Unzen Volcanic Area UGG and the Itoigawa UGG of Japan; (iii) internship programme to full-time undergraduate students of Local Universities and (iv) science-popularisation sea voyage of “Global Geopark Sea Excursion”.

Strategic Partnership: HKUGG reviewed and updated our guidelines on partnership arrangements with local stakeholders, taking into account the requirements and recommendations of GGN, the natural and cultural environment of HKUGG and the socio-economic needs of local communities. In collaboration with relevant geopark stakeholders, HKUGG has continued to support, promote and in some cases operate geo-education, geo-conservation, socio-economic and cultural development initiatives. The HKUGG School Programme, the Recommended Geopark Guide system and the enhanced geopark services, including the new ferry service to Lai Chi Wo of the Northeast New Territories Sedimentary Rock Region and the shuttle bus tour of the Sai Kung Volcanic Rock Region, are some highlights. In addition, we have continued to actively assist Non-Governmental Organisations in promoting nature conservation and

managing rural areas with an innovative mindset. The “Sustainable Lai Chi Wo Project”, the Signature Project Scheme (North District) and the Chief Executive’s Community Project at Lai Chi Wo are some successful examples.

Promotional activities:

We collaborated with local operators and communities in taking forward the following promotional activities in 2016: (i) organised “Hong Kong UNESCO Global Geopark Gourmet Competition” to create a series of geopark-themed dishes; (ii) published a new guidebook titled “Hong Kong UNESCO Global Geopark – Food Map” in July 2016 to promote community ownership and local products and published a brand-new Great Outdoors Hong Kong guidebook for 2016/17; (iii) facilitated the launching ceremony of the new ferry service between Ma Liu Shui and Lai Chi Wo; (iv) publicised a brand new “Geopark Gourmet Photo Matching Game” in Facebook; (v) co-organised the “Sai Kung Art And About” to promoted UGGs through art painting; (vi) conduct media promotion on new visitor facilities at Sai Kung Volcanic Rock Region and (vii) organized meeting between HKUGG and Japanese travel agents in Tokyo to promote the diversified visitors’ attractions available in HKUGG.

4. Contacts:

Manager: Dr. K.M. YEUNG; kmycpa@afcd.gov.hk

Geologist: Mr. Alvin NG Sin-pan, alvin_sp_ng@afcd.gov.hk

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: **Huangshan UNESCO Global Geopark (China, Asian-Pacific Geopark Network)**

Year of inscription / Year of the last revalidation: **2004/2016**

Representative Photo (from the most important event this year)



The 3rd Progress Evaluation Workshop (August, 2016, Huangshan)

2. GEOPARK FIGURES

Number of Geopark staffs: 926 staffs including 4 geoscientists

Number of Visitors: 3.3008 million.

Number of Geopark events: 16 total

Events held by management body:

Events held by cooperative organization:

1. International Women's Day (March)
2. Celebration activities to commemorate the 400th anniversary of Xu Xiake's visit to Mt. Huangshan (May)

3. Popularization activities for World Heritage Day (June)
4. Popularization activities for World Environment Day (June)
5. Writing contest “Huangshan and I” (July)
6. Photo exhibition by women staff members (July)
7. Annual meeting for China Mountain Tourism Alliance (September)
8. 2nd Huangshan Dialogue on Sustainable Development in UNESCO designated heritages sites (September)
9. Free park visit for residents in Hangzhou during G20 (September)
10. Singing contest (September)
11. “First Lesson in the New Semester”: geosciences popularization in primary and junior middle schools in Huangshan District (September)
12. Cross-strait photo exhibition (October)
13. All-China Mess Mountaineering and the 12th China Huangshan International Mountaineering Event (November)
14. Free park visit for natives of Anhui Province (November)
15. Jointed study tours with Zhaixi Primary School (Novembers)

Number school classes realize Geopark educational programmes: 30 classes

Number of Geopark press release: 11 pieces of news in Chinese; 2 in English

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

- Passed the 3rd progress evaluation
- Received more than 3.3 million visitors and generated a revenue of 2.733 billion yuan
- Upgraded the Geopark Museum with enriched cultural, biological exhibitions and designated spaces for primary school students and international exchange
- Completed the geological interpretation project with China University of Geosciences (Wuhan)
- Completed the heritage sites database and management network of ancient trees and precious woods

Contribution towards GGN - Networking and Participation

- Sistership parks with Shilin Geopark (April)
- Reception and exchange with Tianzhushan Geopark (June)

- Compiling and publication of bilingual pamphlet of Huangshan UNESCO Global Geopark (July)
- Sistership parks with Zhijindong Geopark (July)
- 2nd Huangshan Dialogue on sustainable development at UNESCO designated heritage sites (September)
- Participation in the 7th UNESCO Global Geopark Convention held in GB (September)
- Visit and exchange with Danxiashan Global Geopark (November)
- Participation in the Workshop for 2016 Global Geopark Application and Revalidation

Management and Financial status

- Management: streamlined the management institutions (20 internal organizations are restructured, 3 are discharged, and 5 new organizations are set up), increased professional staff members, and prioritized the role of geosciences popularization and education of the Geopark museum.
- Financial status: total revenue generated reached 2.733 billion yuan, an increase of 12.24% over last year; fixed assets investment amounted 927 million yuan, an increase of 2.68%

Geoconservation

- Research projects on the hot springs in Huangshan continued
- Geological relics monitoring project continued
- Rotation closure for biological restoration at Danxiashan and the Lion Peak
- 7.6 kilometers long fire prevention network was completed with automatic fire alarm at 7 designated sites

Sustainable tourism (Geotourism)

Seven kinds of publicity brochures on the theme of comprehensive value, geological diversity, biodiversity and cultural diversity of Geoparks are made; a study tour guide for middle school students, textbooks with local geological information for primary school students as well as popular readings for the general public are compiled in collaboration with China University of Geosciences (Wuhan); the Geopark guide map is redesigned, and postcards, signature pens, notebooks and other souvenirs featuring Huangshan Global Geopark are produced.

New Education programmes on geoconservation, sustainable development and

disaster risk reduction

Updated the Geopark museum display content, enriched biodiversity and cultural exhibition content, increased the Huangshan local specimens, added small classrooms and a hall for international exchange; “the first lesson in the new semester” activity to popularize geosciences to primary and junior middle school students; story writing contest of “Huangshan and I”; jointed study tours with Zhaixi Primary School; regular fire prevention and disaster prevention drills; UNWTO has included in its training materials as a successful case study for the good practice of promoting the development of neighboring communities around Huangshan Global Geopark.

Strategic Partnership

Nanjing University, China University of Geosciences (Wuhan), Nanjing Forestry University, No. 332 geological team of Anhui Provincial Geology and Mineral Bureau, Anhui Provincial Geological Museum, Ali travel, Ctrip, Zhaixi Primary School.

Promotional activities

Free entrance to the Geopark to citizens of Huangshan; free entrance to citizens of Hangzhou during the G20; free week to natives of Anhui to appreciate “the snow scenery”; publicity activities carried out in Japan, Canada, Mexico, and Russia; "Little Deer Smart Travel" mobile phone application is developed and released; regular release of promotional information in Sina micro-blog and WeChat; regular update of the Geopark information in our official website.

4. Contacts:

Manager: Liu Yiju Chinahasgeopark@163.com

Geologist: Li Wei, leeweir005@qq.com; Chen Runze, novemch2013@gmail.com;

Miao Peng, 273046069@qq.com; Wu Jun, 282938176@qq.com

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name: **Idrija UNESCO Global Geopark (Slovenia, EGN)**

Year of inscription / Year of the last revalidation: 2013



Inauguration of the playground "Between rocks and flowers" on Hleviše hill (Photo (Zavarovalnica Triglav))

2. GEOPARK FIGURES

Number of Geopark staffs: 9 staffs including 1 geoscientist

Number of Visitors: 1847 participants in all tours, which were organized by Tourist Information Centre), 17.300 visitors in Anthony's Main Road (main geo-site)

Number of Geopark events: 16

Number school classes realize Geopark educational programmes: 13

Number of Geopark press release: 14

3. GEOPARK ACTIVITIES

Major achievements in 2016

- 7 partner meetings in different part of the Idrija Geopark (February 2016)
- process for marking the entry points along the national roads and highways
- An inauguration playground – "Between rocks and Flowers" on the Hleviše hill, organized by a Idrija Mountaineering Society, September 2016

Contribution towards GGN - Networking and Participation

- 37th EGN CC meeting in Basque Coast UNESCO Global Geopark, March 2016
- 7th International UNESCO Conference on GG and the 38th EGN CC meeting in the English Riviera UNESCO Global Geopark, Sept 2016
- Article for ENG Magazine no. 14 and EGN Newsletter no 7
- Organizing EGN Week with 13 events

- Revalidation report, December 2016

Management and Financial status

- IHC is co-ordinator of Idrija UNESCO Global Geopark, currently more than 40 partners in the base, expert group consists of 8 organisations. IHC covers its expenses from its own budget and EU projects

Geoconservation

- Organising International Camp with a View, June 2016

Sustainable tourism (Geotourism)

- Hosting a visit from representatives of Papu UNESCO Global Geopark
- Danube GeoTour project at the Interreg Danube Transnational programme, Nov 2016

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- Presentation of the educational programmes at the Črni Vrh elementary schools during the “Youth and Mountains” regional competition, October 2016
- Presentation of the educational programmes and plans at the “Popularisation of Geology” workshop at the Faculty of Natural Sciences, Ljubljana, December 2016
- A tourist guide training in the Geopark, October 2016

Strategic Partnership

- A strategic partnership with Abbadia San Salvatore Municipality in a “RurAll” project - an exchange visit with events, October 2016
- international excursion in the Bakony-Balaton UNESCO Global Geopark (Hungary) for the Idrija and Karavanke/Karawanken UNESCO Global Geopark’s partners, April 2016
 - Esteam project co-financed by the EU Erasmus + programme, September 2016

Promotional activities

- Idrija Geopark in the books: Natural Parks in Slovenia, “70 Geological Wonders of Slovenia”
- Interviews on national and regional radio (Val 202, Primorski Val), news on a national TV SLO1 and Koper Capodistria
- Showcases in the Idrija centre about the EGN week and Network of schools
- Idrija Geopark in Image Catalogue of Idrija, Green Destinations catalogue Hiking in Slovenia catalogue

4. Contacts:

Manager: mag. Sanja Marija Pellis, director

Geologist: Mojca Gorjup Kavčič, Geopark advisor

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Itoigawa UNESCO Global Geopark (Japan, APG N)

Year of inscription 2009 / Year of the last revalidation 2013



2. GEOPARK FIGURES

Number of Geopark staffs: 14 staffs including 4 geoscientists (1geoscientist was added in 2016)

Number of Visitors: 85,468 people (to the Fossa Magna Museum, main info center)

Number of Geopark events: 24 by Management body, 76 by cooperative organizations

Number school classes realize Geopark educational programmes: 51

Number of Geopark press release: 2 per month in average

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

- >Staging of the Geoparks Niigata International Forum July (2,540 participants in 2days)
- >Renewal opening of the “Fossa Magna Museum” (first opened in 1995)
- >Revalidation as the national Geopark

Contribution towards GGN - Networking and Participation

- >Participation in the Conference, Posting to the GGN website and Newsletter
- >Dispatch of on-site reviewers to Global Geoparks
- >Played a central role for the Capacity Development Projects to stimulate networking activities in the Asia pacific region which is subsidized by the Japanese National Commission for UNESCO
- >Continuous exchange with sister geopark, Hong Kong UGG.

Management and Financial status

- >Drawing up a new medium term strategic plan
- >Financial situation remains stable (about 11million yen)

Geoconservation

- >New security camera installed at the Kotakigawa Jade Gorge

>New committee formed for the conservation of the Oyashirazy area where recently is listed as a National Scenic Area of Japan.

>New plan have begun to improve the conservation and display of the Itoigawa-Shizuoka Tectonic Line which is the main geological heritage in Itoigawa.

Sustainable tourism (Geotourism)

>New walkway in Oayshirazu to better connect geological and cultural heritage

>Continuous Geotour for general public

>Limited Geopark official geo-tours for the conservation and popularization of the nature conservation area called Maikomidaira

New Education programmes on geoconservation, sustainable development and disaster risk reduction

>Several study Sessions on preventing disasters to Mt.Yakeyama held at the Fossa Magna Museum and community center

>The unified education policy for Children ages 0-18(2010), in which Geopark Studies are clearly positions, was revised taking into account the track record of 4 years of geoparks Studies

Strategic Partnership

>Partnership agreement with Niigata University, with which jointly organized International Forum, elucidation of the geological heritage and joint field research

>Collaboration with Niigata prefecture to held Geoparks Niigata International Forum

Promotional activities

>Renewal of the website information provision app. and regular information dissemination by the monthly newsletter and daily update of the social media web

>Forum of the national stone jade themed on its preservation and utilization

>Continuous education and popularization activities for children

4. Contacts:

Manager: Kihachiro Yamamoto geopark@city.itoigawa.niigata.jp

Geologist: Ko Takenouchi geopark@city.itoigawa.niigata.jp

GGN - Geopark Annual Report 2016



1. GEOPARK IDENTITY

Jeju UNESCO Global Geopark (2010, Asia Pacific Geopark Network)

- Year of inscription / Year of the last revalidation

2010/2014



2. GEOPARK FIGURES

- Number of Geopark staff: 7 members including 1 geoscientist
- Number of Visitors: Total number of the visitors: 15,852,980(2016), 13,664,395(2015)
- Number of Geopark events:
 - 6th 2016 Jeju Suwolbong Geotrail: organized by Jeju Government Geopark team
 - Geo festival (Mt. Sanbang and Yongmeori Geotrail event and Geo Culture event) : organized by Jeju Tourism Organization.
- Number school classes realize Geopark educational programmes
 - Jeju Geopark Guide Education programs: four times
 - Local residents and students education programs: nine times
- Number of Geopark press releases
 - News articles and TV broadcastings: over ten releases



Secrets of Jeju's north west
 Exploring Jeonbong, and its surroundings with professor Min Young Chee

By Min Young Chee

As a geology professor at Jeonbuk National University, Min Young Chee has been visiting Jeonbong, a UNESCO Global Geopark site, for many years. In the second part of a series of Jeju's hidden landscapes, the Jeju Weekly joined a group of visitors to explore Jeonbong and the north-west region.

Jeonbong is part of Jeju Island's Global National Geopark, an UNESCO Global Geopark network which seeks to protect the planet's geological heritage while promoting the sites for sustainable tourism and development.

Arriving early for our own trip on Saturday July 30, I read an introduction board in the hope of gaining some background knowledge of this scenic location on the westernmost tip of the island.

(Yonhap Feature) Geotourism on Jeju Island reveals its true origin

By Ken Leejung

JEJU (Yonhap, July 31) (Yonhap) - Once considered a plain of water and a barren island with a lack of fertile land, Jeju Island has transformed itself into lush forest and a tourist region with scenic beaches and traditional markets.

Affected by cyclical weather and strong winds, the island located 90 kilometers south of the Korean Peninsula, was not easily accessible to travelers centuries ago, leaving it underdeveloped areas in the island's present condition.

While luxury hotels and beach resorts have been springing up in various parts to capitalize on a rising influx of Chinese and a recent real estate boom, a series of low-lying island's geological structures has become the island's natural attraction and nature lover's.

Jeju, created as a result of volcanic activities between 1.8 million years and 250,000 years ago, has many distinctive geological sites across the island. And that is why UNESCO included Mount Halla, Seongsan-Haeryang and Gwaneum Daejeon Lava Taper on the World Natural Heritage list and designated for entire island as a "Global Geopark" in 2010.

St. Halla, a central cone of the island, and Seongsan-Haeryang, known as the best place for watching sunrises, are always crowded by tourists, but there are more places for geo travelers besides the most-see destinations.

There are about 300 small hills, called "Seonri" in Jeju dialect, in various sizes and conditions across the island, predominantly composed of dark-colored basalt.

3. GEOPARK ACTIVITIES

- Major achievements in 2016

Successful National Geopark revalidation in December 2016.

2016 National Brand Awards and Geo Branding activities



- Contribution towards GGN - Networking and Participation

Participated in 2016 GGN Conference

- Management and Financial status

Managed by Jeju Government and central and local government financial support

- Geoconservation

Protected by National and local laws

- Sustainable tourism (Geotourism)

6th Suwolbong Geotrail and Jeju Geofestival

- New Education programmes on geoconservation, sustainable development and disaster risk reduction

Local resident education programs in tentative geosites

- Strategic Partnership and Promotional activities

Expanding strategic partnerships and promotional activities



4. Contacts:

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Geologist: Dr. Yongmun Jeon (ymjeon74@korea.kr)

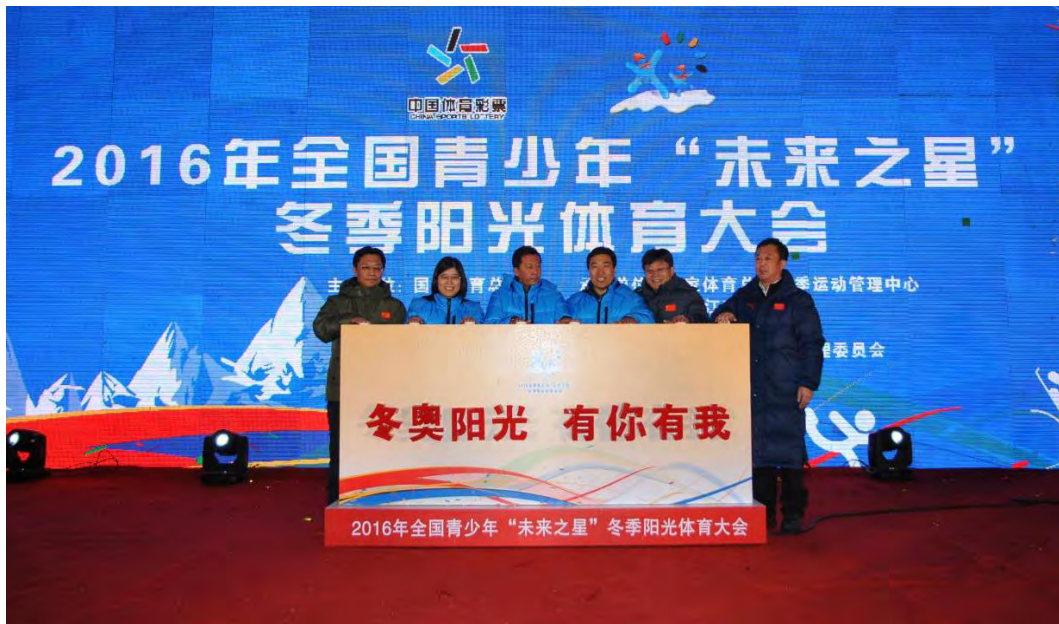
GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Jingpohu UNESCO Global Geopark(china,Asia-Pacific Geopark network)

Year of inscription / Year of the last revalidation: 2006/2014

Representative Photo (from the most important event this year)



2.GEOPARK FIGURES

Number of Geopark staffs:332 employees,including 6 scientists.

Number of Visitors:607644

Number of Geopark events:10 times

The crown of snow and ice •The fifth window of snowy winter fishing Festival carnival of Jingpohu,The first car Drift on ice lake Festival,Car Rally on the ice,The Winter Sunshine Sports Meeting of the National Youth "Future star "2016,"Jingpohu Volcanic Wetland Cup" International Marathon in 2016,"The Magnificent Northern Scenery" china • Jingpohu Winter tourism promotion seminar held in 22 provinces or municipalities in 2016,The 16th china Snow Fort and Saman Village opened,The Fifth Tourism Development Conference (The first ice and snow Tourism Summit Forum),The Summer of Jingpohu Tourism Cultural Festival,The Autumn and Winter of Jingpohu Tourism and Cultural Festival,etc.

Number school classes realize Geopark educational programmes:35 classes

Number of Geopark press release: 132

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

1.Established the earth science information database and geological relics database.Completed more than 10000 square meters self-drive car park,multifunction silver dome and facilities which covers 4818 square meters,two sewage treatment stations,five enviromental protection toilets,the total length of 135.6km highway across Jingbohu project.

Contribution towards GGN - Networking and Participation

1.Attended the international training courses on management and development of geopark UNESCO organized (phase I and phase II)

2.Attended the annual meeting of Global geopark of china 2016.

3.Attended the 7th the UNESCO International Geopark Conference and Exhibition.

4.Visited and exchanged with the sister parks (Danxia Mountain of Guangdong and Leiqiong Huguangyan)

5. Signing of the contract for the sister Park with Guizhou Zhijindong cave Global Geopark and Fujian Ningde Global Geopark.

6.Invited Ibrahim Komoo who is the vicepresident of Global Geopark Network managers from Madonie Geopark of Italia and Wudalianchi Global Geopark.Dr.Xu kejian from China University of Geosciences to guide and exchange on the geopark.

Management and Financial status: Mudanjiang Municipal People's Goverment and China Forestry Group Corporation Signed the strategic cooperation agreement to develop and construct the Jingpohu.

The Financial situation: The Financial situation is good,the income of tickets is upto 33910000 yuan in 2016.

Geoconservation:

1.orgnized field patrol,forest fire prevention and community education all over the year.

2.Established popular science promenade in the villa scenic,volcano scenic,waterfalls village,xiaozhujia village Dongjingcheng middle school,etc. Disseminating knowledge of geological relics protection.

3.Revised emergency plan about geological relics,ecological protection,forest fire prevention and resources protection carried out joint enforcement inspection 5

imes,carried out resources protection trainings and exercises 9 times.

Sustainable tourism (Geotourism)

Recepted 607644 vistors.The pulling effect of geological tourism on the local economy reached 600 million yuan,nearly 200 agritainment,more than 90 hotels or restrants,more than 5000 persons directly engaged in tourism services,and 12000 persons indirectly engaged in tourism services and benefit from the tourism services.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

Developed"The Geological science educational activities plan of Jingbohu Global Geopark 2016"

Carried out Geoscience education for the nearly 700 teenagers participating in the Winter Sunshine Sports Meeting of the National Youth "Future star "2016.

Carried out "3-12""Volunteer Service Day""4-22 World Earth Day""International Biodiversity Day" and other popular Science activities.

Carried out the disaster risk reduce science education in XiaoZujia village community of Ningan durring "Beautuiful Countryside" activity.

Strategic Partnership

Investigate and protect the geoscience cooperated with Hydrogeology and Engineering geology prospecting institute of Heilongjiang province.Established professinal training base in China University of Geosciences(WuHan),geograph and remote sensing Science School of Beijing Nomal University.MuDanjiang Nomal college;and JiLin Electronic Information Technology colledge.Established "Science Education Base" in MuDanjiang Normal University and Dongjingcheng middle school in Ningan. Built "Beautiful Coutryside" with XiaoZhuja village of Ningan. Carried out geological toursim in cooperation with the northeast area alliance Baiqiang travel Agency and more than 120 travel agencies. Carried out Geopark network promotion in coopertion with 17 mainstream media and 3 we-media. Established partnerships with Huarun Snow Beer,ShunFeng Group,Tedehua local hotels,restaurant and other enterprises.

Promotional activities

Invited media to report Jingpohu.Invited CCTV,HongKong TV,Macao TV,TaiWan TV and dozens of TV media to shot large theme films about the geopark.National Urban media "Beautiful China" exploration Group and network media from HeiLongjiang exploration Group have come to the geopark. Promoted geoscience tourism product in the fifth Tourism Development Annual Meeing(the first ICE AND SNOW Tourism Summit Forum)Became the leaguer with the east cities and Scenic spots of

HeiLongjiang Province.

Promoted and Publicized the entire geopark to devel winter tourism in big cities, with "the crown of ice and snow"as the theme.

4. Contacts:

Manager: Sun Lichun jphzpg@163.com

Geologists: Hu Junsheng Zhan Tao hlijhantao@163.com

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: **KARAVANKE/KARAWANKEN UNESCO GLOBAL GEOPARK, SLOVENIA-AUSTRIA, European Geopark Network**

Year of inscription / Year of the last revalidation: **2013**

Representative Photo (from the most important event this year)



Press conference (20.09.2016) „**The Karavanke/Karawanken Geopark – an unique, crossborder model of success is growing further**“, with the presentation of the INTERREG EUfutuR project (Future Europe – Identity, internationalization and institutionalization – Geopark Karawanken-Karavanke). The press conference was attended by Ms. Alenka Smrekolj – Slovenian Minister responsible for Development, Strategic Projects and Cohesion, and Dr. Peter Kaiser, Carinthian State Governor (photo by: Uroš Grabner).

2. GEOPARK FIGURES

Number of Geopark staffs: 04 staffs, including 03 geoscientists

Number of Visitors: Infocenter “WORLD OF GEOLOGY” Bad Eisenkappel (5,000), Infocenter “Podzemlje Pece” Mežica (17,000), Obir Tropfsteinhöhlen (30,000), Petzen/Peca (80,000).

Number of Geopark events: 20

Number school classes realize Geopark educational programmes: 60

Number of Geopark press release: 35

3. GEOPARK ACTIVITIES

Major achievements in 2016: Ongoing INTERREG EUfutuR and LEADER Geoparkforscherkids projects

Contribution towards GGN - Networking and Participation: - Participation of Karavanke/Karawanken Geopark representatives at 38th European Geoparks Meeting (English Riviera Geopark, UK, 26th of September 2016) and at 7th International Conference on UNESCO Global Geoparks (English Riviera Geopark, UK, 27th-30th September 2016). Participation of Karavanke/Karawanken Geopark representatives at Slovenia and Austria Geopark Forum meetings. - Application for organization of 41st European Geoparks Meeting.

Management and Financial status: Geopark Association, 14 Municipalities (9 AT and 5 SLO) and 2 associated partners (Podzemlje Pece, d.o.o., Obir Tropfsteinhöhle); Financial status: Income: 300.000,00 €; Outcome: 300.000,00 €

Geoconservation: Informing and awareness of local people and visitors about importance of geoconservation.

Sustainable tourism (Geotourism): Guided tours for schools, children, adults in both infocentres, guided hiking tours, workshops on various themes, guided snow-shoe tours, ...

New Education programmes on geoconservation, sustainable development and disaster risk reduction: New children's programme of the Geopark Karavanke/Karawanken (Geoparkforscherkids)

Strategic Partnership: Podzemlje Pece, d.o.o., Obir Tropfsteinhöhlen, RRA Koroška, IRSNC - Institute of the Republic of Slovenia for Nature Conservation - Regional unit Maribor, Association "Društvo Kulturni dom Pliberk/Bleiburg, Petzen-Bergbahnen GmbH, ...

Promotional activities: Several presentations at various international and national fairs (Natour Alpe Adria in Ljubljana (SLO), FIETS EN WANDELBEURS in Belgium ...), lectures and presentations at different national and regional events (festivals, international days, ...), ...

4. Contacts:

Manager: mag. Gerald Hartmann

Geologist: dr. Darja Komar

GGN – Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: **Katla UNESCO Global Geopark, Iceland, EGN.**

Year of inscription / Year of the last revalidation - **2011/2015**



Picture from the dissemination of locally based international planning project to governmental agencies and ministries.

2. GEOPARK FIGURES

Number of Geopark staff: 6 staff including 2 geoscientist(s)

Number of Visitors: estimated 75-80% of all 1,750,000 foreign visitors to Iceland.

Number of Geopark events, held by management body and cooperative organization:

Geopark Week, Katla Geopark and Cooperating body's, introductions on Katla UNESCO Global Geopark, contracts, planning, cooperation, schools for: clusters, local enterprises, local primary schools, municipalities, University of Iceland, Iclenadic tourism board, ministry of Education and other Go's for planning. Local Intangible heritage work – in Icelandic UNESCO cooperation.

Number of school classes realize Geopark educational programmes: 7: three for primary school teachers, two for University students, and two for local enterprises

during geo-week.

Number of Geopark press release: 4: 2 newsletters, 1 on UGG, 1 for Geopark week.

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016 - Immense force for revalidation fulfilling recommendations, important grants harbored, contracts with municipalities for cooperation on geosites, contracts made for partners and craftsmen, GeoSchool project launched with Primary schools, Planning work in Skaftárhreppur municipality with major publicity, conference for architects society and tourism sector as well as a well-attended meeting with GO's. DMP work initiated,

Contribution towards GGN - Networking and Participation: All EGN Meetings and conferences attended, two presentations at UGG conference England, Article submitted to Volcanic Geoparks book, two new international projects launched to close in 2018, one project closed, and one ongoing project to close in 2018.

Management and Financial status: Stable. In addition finance was promised in written statement from Prime minister for 2017-2021, important recognition of Geopark validity and cooperation with GO and NGO's through cooperation in marketing, DMP work, planning of geosites and nature conservation and public safety.

Geoconservation: ongoing work on instigating local nature conservation status of Eldhraun and Landbortshólar.

Sustainable tourism (Geotourism): contracts made for partners with great emphasis on sustainable tourism. Signs made for nature awareness.

New Education programmes on geoconservation, sustainable development and disaster risk reduction: Work in process for disaster risk reduction

Strategic Partnership: Contract with Municipalities for planning work on geosites, written contracts with cooperatives (3), and written contracts made and offered to artisans and local enterprises, already concluded with some local enterprises as partners.

Promotional activities: participating in promotional tourist fair, marketing analysis was made and initiation of marketing plan. Important work on zoning of Marketing body of South Iceland recognizing Katla Geopark as one of three distinct marketing areas.

Reinforcement of UGG status with work on signage – to be continued.

4. Contacts: Manager: **Brynja Davíðsdóttir**, brynja@katlageopark.is

Geographer: Sigurður Sigursveinsson, sigurdur@hfsu.is

GGN - Geopark Annual Report 2016

GGN Geopark Annual Report should be two pages

1. GEOPARK IDENTITY

Langkawi UNESCO Global Geopark, MALAYSIA, Asia Pacific Geoparks Network

Year of inscription / Year of the last revalidation : **2007 / 2015**

Representative Photo (from the most important event this year)



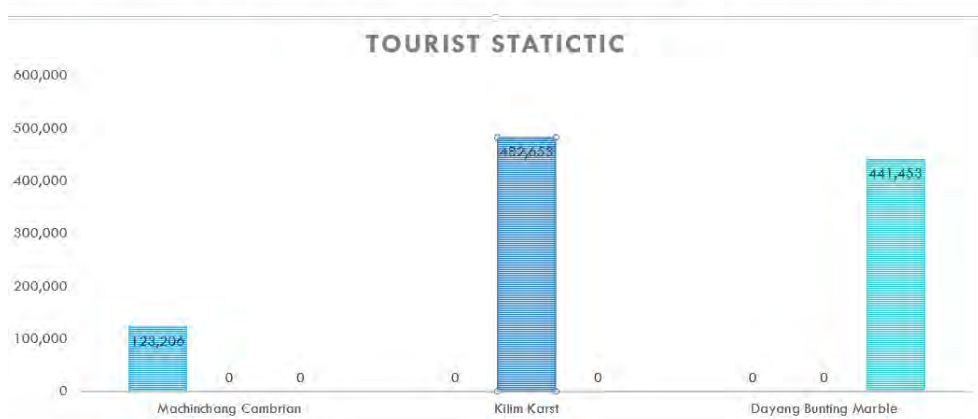
Figure 1 : Langkawi UGG Geopark Ambassadors Appointment February 2016

2. GEOPARK FIGURES

Number of Geopark staffs: **30 staffs including 1 geoscientist**

Number of Visitors: Visitors to Geoforest Parks - tourism & conservation area (education) as below :

GEOFORREST PARKS LANGKAWI UNESCO GLOBAL GEOPARK, MALAYSIA



Number of Geopark events:

Events	
By LUGG	Partners
20	3

Number school classes realize Geopark educational programmes :

10 programs

Number of Geopark press release : 5 press releases

3. GEOPARK ACTIVITIES

Major achievements in 2016

- Appointment of 21 individual whose have been supporting LUGG since the beginning (as reward and encouragement for other community)

Contribution towards GGN - Networking and Participation

- The 7th International UNESCO Geoparks Conference, English Riviera UNESCO Global Geopark

Management and Financial status

- Management : Langkawi Geopark Advisor Council
 - Conservation & Scientific Committee
 - Development & Promotion Committee
 - Education & Public Engagement Committee
- Development Budget (Finance)
 - Langkawi Tourism Blueprint 2011-2015
 - Langkawi Tourism Blueprint 2.0 : 2016-2020

Geoconservation

- Langkawi Conservation Plan 2016-2020
- Geopark Conservation Day 2016

Sustainable tourism (Geotourism)

- Developing new geotourism site : Biogeotrail Kubang Badak

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- Geopark Educational Cruise (Cooperation with Local Cruise Company)

Strategic Partnership

- Muroto UNESCO Global Geopark : Communication Program with Tour Guides & Rangers via Skype

Promotional activities

- UNESCO Malaysia Open Day
- Travel & Tourism Magazine
- International & Local Tourism Fair

4. Contacts:

Manager: Mr. Azmil Munif Mohd Bukhari , azmil@lada.gov.my

Geologist: Miss Rasanubari Asmah Rahmah binti Abd Hamid, rasary@gmail.com,
rasanubari@lada.gov.my

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Lanzarote and Chinijo Islands UNESCO Global Geopark (Spain, European Geoparks Network)

Year of inscription / Year of the last revalidation: 2015/2019

Representative Photo (from the most important event this year): For us, the most important event was support the management of Pangaea training course designed to astronauts by the European Space Agency (ESA). Followed by the media around the world promoting not only the Geopark Lanzarote also the Network.



ESA_CAVE Twitter

2. GEOPARK FIGURES

Number of Geopark staffs: Four.

Number of Visitors: The territory occupied by the Geopark has received a total of 2.915.727 visitors, the main geosite received a total a total of 967.914 visitors.

Number of Geopark events: Events held by management body: 12. Cooperative organization: 18.

Number school classes realize Geopark educational programmes: 30

Number of Geopark press release: 80 approximately.

3. GEOPARK ACTIVITIES

Major achievements in 2016

Contribution towards GGN - Networking and Participation: Translations for the website Terra de Cavaleiros UGG (Portugal), Attendance at 2016 GGN General Assembly, Photos for interactive exhibition on volcanism, Bakony-Balaton UGG (Hungry), Awarded Global Geopark Network Best Practice Awards 2016, Two posters at 7th international UNESCO Conference on Global Geoparks, Publishing in the European Geoparks Newsletter 07/2016, Ask for a grant of Atlantic Area Transnational Programme, “Atlantic-Geoparks”.

Management and Financial status: European grant applications for projects related to geopark management: INTERREG MAC (Patrimac, Magma), INTERREG Atlantic Area Transnational (Atlantic-Geoparks). Increase of 26% of the total budget for geopark management.

Geoconservation: Closing the Cave of Los Siete Lagos, Signaling of fragile areas, delimitation of parking areas.

Sustainable tourism (Geotourism): Formation in geological heritage to tourist guides collective (more than 2,000,000 tourists in 2016), Workshop on Submarine Geological Heritage, Meeting about Agriculture and Wine Tourism.

New Education programmes on geoconservation, sustainable development and disaster risk reduction: “Pure Geology” exhibition for kids, Pedagogical routes by geosites of the Geopark for teachers. Discovering the Jameos and the Tunnel of Atlantis, Scientific Breakfast for school students.

Strategic Partnership: Art, Culture and Tourism Centres of Lanzarote put Lanzarote and Chinijo Islands Logo on brochures (2.956.780 tickets, 2016)

Promotional activities: Support for the management of the Pangaea (Geological and Astrobiological Analogous Planet) course for astronauts by the European Space Agency (ESA), Publishing news on the media (TV, radio, press) and website. Presence in social networks: Facebook and twitter. Attendance ITV. Pure Geology exhibition.

4. Contacts:

Manager: Isabel Betancort Delgado. directoracontralyauditoria@centrosturisticos.com

Geologist: Elena Mateo Mederos. geoparque@cabildodelanzarote.com

Leiqiong UNESCO Global Geopark Annual Report 2016

1. Geopark Identity

Geopark name, country, regional Network: Leiqiong UNESO Global Geopark (China、APGN)

Year of inscription / Year of the last revalidation: first accredited as Global Geopark in 2006, re-application for area extension in 2016 (the last revalidation).



2016 Leiqiong UNESCO Global Geopark Report Meeting

2. Geopark Figures

Number of Geopark staffs: 891 staffs including 1 geoscientist

Number of Visitors: 2.4 million visitors.

Number of Geopark events: 12

The geopark events conclude the 1st pineapple culture & tourism festival in Xuwen; the 1st volcanic bicycle cultural festival; the 47th “Earth Day” hiking event; a series of activities to celebrate “National science day”; science popularization activities held in the communities; opening ceremony to the geopark primary school in Longmen village; science popularization field trips during the spring and fall and the summer camp; promotion seminar for volcanic coffee and caulis dendrobii; UAV photo contest in Tianyang pineapple sea scenic area.

Number school classes realize Geopark educational programs: 26

Number of Geopark press release: 28

3. Geopark Activities

Major achievements in 2016

1. Completed the rectification items, fulfilled the assessment of the geopark area extension.
2. In 2016, Leiqiong Global Geopark Management Board was set up by the geopark. Under the management board, there are two management committees, namely Management Committee of Zhanjiang Scenic District and Management Committee of Haikou Scenic District, to unify the geopark’s management structure.
3. Compled the establishment and renewal of each geological relics protection tablets and

interpretive boards; totally updating 339 pieces of panels of the museum and science museum, the scientific research result and geotourism exhibition were added to the museum; updated the geopark model.

4. The geopark completed the study on the correlation between Leiqiong geoheritages and its culture, publishing a thesis Volcanoes and Leiqiong Culture, also carrying out survey on soil fertile elements and quality of its agricultural products, completing sample-gathering and analysis of typical agricultural crops and planning to submit a subject research report for publication with Guangdong Ocean University.

Contribution towards GGN-Networking and Participation

In 2016, we attended several communication activities and training courses, such as:

The 7th International Conference on UNESCO Global Geopark;

The annual meeting of the global geopark of China;

The global geopark application and reassessment symposium;

The 6th International Conference on Maar Lake;

The 1st and 2nd International Training Course on UNESCO Global Geopark

The Training Course on tour guide and management of construction planning.

In July, 2016, Leiqiong UNESCO Global Geopark and Vulkaneifel UNESCO Global Geopark signed an agreement to build sister-geopark relationship. After that, we developed exchange activities with Fangshan Global Geopark and Yandangshan Global Geopark. In December, we also started the exchange programs with Jingpohu Global Geopark as well.

Management structure and financial status

Management structure: In 2016, Leiqiong Global Geopark Management Board was set up by the geopark. Under the management board, there are two management committees, namely Management Committee of Zhanjiang Scenic District and Management Committee of Haikou Scenic District, to unify the geopark's management structure.

Financial status: The total income of the geopark is 109.5784 million yuan, including tourism revenue 49.1064 million yuan, special funds from local government 60.472 million yuan, geosites protection and construction funds 39.5733 million yuan.

Geoconservation

1. Setting-up of protection tablets: There are 19 protection tablets setup in all geosites in the extension area of Leiqiong geopark. Meanwhile, local villagers are recruited for the daily inspection of the geosites by the geopark.

2. Worked out the overall plan of the geopark and setup the geopark's management system: According to the re-demarcation of the geopark, the management board has worked out the Overall Plan of Leiqiong Global Geopark(2016-2030) and Regulations on Management of Leiqiong Global Geopark.

3. Finished the geopark video monitoring system construction (stage 1)

Sustainable tourism (Geotourism)

In 2016, there are more than 2.4 million tourists come to visited the geopark. The increase of tourists to the geopark has encouraged setup of Pleasure-in-farmhouse (tourist project), family hostels, specialty shops,etc., in neighborhood of the geopark, also increased the sales

of their agricultural products, leading to development of tourism and service industry.
New Education programmes on geoconservation, sustainable development and disaster risk reduction

In the last year, the geopark formulated the 13th Five year Science Popularization Activity Plan of Leiqiong Global Geopark. It also organized the Earth Day propaganda, arranged the special talk “earthquake and disaster reduction” and organized training courses on geopark knowledge, tourism marketing and fire precaution to more than 380 staffs of the geopark.

Strategic Partnership

1. The geopark completed the study on the correlation between Leiqiong geoheritages and its culture, publishing a thesis Volcanoes and Leiqiong Culture, also carrying out survey on soil fertile elements and quality of its agricultural products, completing sample-gathering and analysis of typical agricultural crops and planning to submit a subject research report for publication with Guangdong Ocean University.
2. The geopark published the Overall Plan of Leiqiong Global Geopark, cooperating with Beijing Shenzhen Expo Tourism planning and Design Company.
3. The geopark signed the cooperation agreement with Zhanjiang China Travel Service Ltd, Zhanjiang Binfen Holiday Agency Ltd, China International Service Zhanjiang, China International Travel Service, Hainan Xiaoyao, Hainan Kong Thai Travel Service etc. to recommend the integrated Leiqiong geopark tour route.
4. The geopark operated the first primary school in Leiqiong area with Xuwen Longmen village primary school.
5. The geopark established relationship with Leizhou city museum to jointly build the Leiqiong Global Geopark culture and education base.

Promotional activities

In order to improve the geopark’s visibility and expand the tourism market, the geopark take an active part in the tourism promotions at national, provincial and city level. The geopark also deliver more 60 newsletters in tourism by official website, wechat and local newspapers.

4. Contacts:

Manager: He Gui Email: hgy2819197@163.com

Geologist: Luo Shuwen Email: swdls@126.com

Lesvos Island UNESCO Global Geopark - Greece GGN - Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Lesvos Island UGG, Greece, EGN.

Year of inscription: 2004 / Year of the last revalidation: 2016

Representative Photo



2. GEOPARK FIGURES

Number of Geopark staffs: 24 staffs (7 Permanent, 17 Temporary contract) including 8 geoscientist(s) (4 Permanent, 4 Temporary contract)

Number of Visitors: The total number of visitors is difficult to estimate. Concerning the people visiting Lesvos Geopark facilities and exhibitions in 2016 they are 75.000.

Number of Geopark events: 40 events held by management body and cooperative organization

Number school classes realize Geopark educational programmes: 100 in Lesvos + 300 in Athens (Exhibition the Forest under the Road)

Number of Geopark press release: 80

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

1. Organization of the exhibition “AEGEON · BIRTH OF AN ARCHIPELAGO” at National Hellenic Museum in Chicago (23 November 2015 – 30 June 2017) and Polytechnic Museum Moscow (14 October 2016 - 14 March 2017).
2. Organization of the exhibition “The FOREST under the ROAD” at Evgenides Foundation in Athens presenting the unique fossil findings of the excavations discovered along the new road Kalloni – Sigri (25 January – 29 May) and at Chamber of Lesvos Mytilene (30 June-30 November).
3. Organization of the travelling exhibition “The animals of the Petrified Forest of Lesvos” in the Geopark Information Centre in Mytilene (January - 19 April) and at Natural History Museum of in Sigri – educational activities for school groups (18 May - 30 November)
4. Presentation event of the new Programme «UNESCO Global Geoparks» in collaboration with the Hellenic National Commission to UNESCO at the Ministry of Foreign Affairs in Athens (9 March)
5. Presentation events of the Book “Lesvos Island – Unesco Global Geopark” at Evgenides Foundation in Athens (13 April) and Mytilini (11 May).
6. International Intensive Course of Geoparks 2016 «UNESCO Global Geoparks» (20-30/6/2016)
7. Revalidation of Lesvos Geopark (26 - 28 June 2016)
8. Field educational programs in Lesvos Geopark for university students (March – June 2016). Education field class of the China University of Geosciences Beijing (August 2016).
9. Celebration of International Monument Day (18 April), International Day of the Earth (22 April), International Museum Day (18 May), European Geoparks Week 2016 (20 May – 5 June), Green cultural routes jointly organized with the Lesvos Ephorate of Antiquities (29 May), Green Week 2016 (30 May – 3 June) World Environment Day (5 June), “The Earth Festival 2016” – cultural events in Lesvos Geopark (June - September).

Contribution towards GGN - Networking and Participation

1. Hellenic Geoparks Forum Meetings (March – September 2016) - Secretariat operation
2. EGN - Participation in the two Coordination Committee Meetings - Coordination
3. GGN General Assembly and 7th International Geoparks Conference participation
4. Printing of the European Geoparks Magazine - Issue 13
5. Received the delegation of the Wudalianchi Geopark China (20 - 22 June 2016), Received the delegation of the Zhijindong Cave Geopark China (June 2016),
6. Participation in the Evaluation team of the Geoparks (July – August 2016)

Management and Financial status: The national economic crisis and the refugees crisis in Lesvos affected the Geopark income significantly. Geopark Management had to overpass obstacles and to deal with difficult challenges.

Geoconservation: Nissiopi Petrified Forest Park - major excavation and conservation activities, Conservation of the fossils along the Kalloni-Sigri road.

Sustainable tourism (Geotourism): Opening of the New Nissiopi Petrified Forest Park. Implementation of the geotouristic activity: Daily guided boat tours with a glass bottom boat at Marine Nissiopi Petrified Forest Parks (July – August 2016)

New Education programmes on geoconservation, sustainable development and disaster risk reduction: The Forest under the road educational programme on geoconservation.

Strategic Partnership: Yanqing UGG - Lesvos UGG fossil conservation programme.

Promotional activities: Numerous radio-TV and newspapers interviews and articles on the Geopark's activities in the national, regional and local media – also in TV shows.

4. Contacts:

Manager: Nickolas Zouros nzour@aegean.gr

Geologist: Ilias Valiakos, lesvospf@otenet.gr, K. Mpentana lesvospf@otenet.gr

GGN – Leye-Fengshan Geopark Annual Report 2016

I . GEOPARK IDENTITY

Geopark name, country, regional Network:

Leye-Fengshan UNESCO Global Geopark (People's Republic of China, APGN)

Year of inscription / Year of the last revalidation: 2010/2014

II . GEOPARK FIGURES

Number of Geopark staffs: 380 staffs (working for Leye-Fengshan Administrative Committee and all tourism investment companies in the geopark) including 4 geoscientists

Number of Visitors: 1.2 million person times

Number of Geopark events: 70

Leye-Fengshan Geopark held popular scientific and educational activities 5 times, and such activities were held in the core scenic area twice, held activities on Primary and Secondary Students Go into The Geopark once, on Dandelion-Popular Science and Educational Activity for Adolescents once, and on Geosciences in Community once; Leye-Fengshan Geopark recruited 21 science popularization volunteers throughout the country for the geopark and organized volunteers to take science popularization experience and promotion activities in the geopark, organized the summer social practice group of China University of Geosciences (Beijing) to carry out summer social practice in the geopark, and accordingly held educational and promotion activities for the science popularization, cooperated with China University of Geosciences (Wuhan), China University of Geosciences (Beijing) and Central China Normal University to take science popularization activities in universities and held science popularization promotion and exhibition activity in China University of Geosciences (Beijing) during World Earth Day.

Number school classes realize Geopark educational programs: more than 10.

Universities include China University of Geosciences (Wuhan), China University of Geosciences (Beijing), Central China Normal University and Baise Normal University, etc. Others are local primary and middle schools in Baise and Hechi City.

Number of Geopark press release: 31 (<http://www.lyfsgy.com>), and 5 used by Chinese Global Geoparks Network Office

III. GEOPARK ACTIVITIES

1. Major achievements in 2016

Leye-Fengshan Geopark invested 5 million yuan in the scientific research and science popularization, took further exploration research on the underground karst resources within the geopark, made overall geopark planning, biodiversity investigation, geoheritage database, and installed protection and monitoring system as well as negative oxygen ion monitoring system, etc.

Leye-Fengshan Geopark invested 800,000 yuan in the science popularization activities, and held popular scientific and educational activities 5 times, and such activities were held in the core scenic area twice, held activities on Primary and Secondary Students Go into The Geopark once, on Dandelion-Popular Science and Educational Activity for Adolescents once, and on Geosciences in Community once; Leye-Fengshan Geopark recruited 21 science popularization volunteers throughout the country for the geopark and organized volunteers to take science popularization experience and promotion activities in the geopark, organized the summer social practice group of China University of Geosciences (Beijing) to carry out summer social practice in the geopark, and accordingly held educational and promotion activities for the science popularization, cooperated with China University of Geosciences (Wuhan), China University of Geosciences (Beijing) and Central China Normal University to take science popularization activities in universities and held science popularization promotion and exhibition activity in China University of Geosciences (Beijing) during World Earth Day; set up cellphone audio-guiding system of the geopark, letting tourists and local residents learn geosciences at any time and the geopark was entitled as National Land and Resources Popular Science and Educational Base.

Leye-Fengshan Geopark invested about 25 million yuan in the geoheritage protection project and made great improvement on the geomuseum, geoheritage scientific investigation hiking trails, patrolling roads, patrolling platforms (pavilions), protective rails, science popularization exhibition hall, large-scaled promotion boards, which effectively protected geoheritage resources.

2. Contribution towards GGN - Networking and Participation

Leye-Fengshan Geopark released an article on the website of UNESCO Global Geoparks, 5 articles on the website of National Geoparks Network Center under

Ministry of Land and Resources and more than 100,000 articles about the geopark on varieties of media; actively attended 2016 International Conference on UNESCO Global Geopark and 2016 Conference on Global Geoparks in China; made mutual visits with Bauges Global Geopark, strengthened connectivity with UNESCO Global Geopark Network, actively made communication and exchanges with friendly geoparks, made sister geoparks with Zhijindong Global Geopark, Wangwushan-Daimeishan Global Geopark and basically made an agreement with Dunhuang Global Geopark to make sister geoparks. The geopark employed French cave exploration expert to open up SRT exploration technical training base and held several training activities for tourists and social residents, installed guiding system, invited English professors to replenish the contents of the Chinese and English websites of the geopark, which upgraded the tourism reputation and international communication capacity of the geopark. The geopark also jointly held exhibitions and gave lectures with Shilin, Danxiashan, Fangshan and other global geoparks in China University of Geosciences (Beijing).

3. Management and Financial status

The geopark totally received 1.2 million person times, 130 million yuan of tickets income and 950 million yuan of total tourism income. The geopark possessed 380 direct practitioners and 950 indirect practitioners. The income was slightly more than the expenditure, which ensured the sustainable development of the geopark with no security accidents or tourism complaints throughout the year, and the management and operation was in good situation.

4. Geoconservation

The geopark opened up scientific investigation routes including Mandarin Duck Spring peak cluster depression, karst spring, karst canyon, Wenbi peak cluster depression, Fengyangguan Muzi Peak, Yunfeng Cave peak cluster depression and hoje. The geopark set up the geoheritage data base, geoheritage and geo-disaster monitoring system; newly produced science popularization video in Chinese and English versions, brought in unmanned aerial vehicles to monitor the geoheritage and tourists, completed the overall planning of the geopark, held the biodiversity survey and joint cave exploration and scientific investigation activities in the geopark.

5. Sustainable tourism (Geotourism)

The geopark built 6km-long hiking trails and safety rails, 6 sightseeing platforms with an area of 300m², completed the layout of Leye Geo-Museum (3500 m²), the main body of Fengshan science popularization exhibition hall and the water-power engineering, maintained the facilities in the geo-museum, solidified partial hiking trails and sightseeing pavilions and renewed partial tourism signs, etc.

The geopark continued to further develop native products like walnuts and explore folk culture resources.

The geopark passed the application of Land and Resource Science Popularization Base with a high score, becoming one of the fourth batch of Land and Resource Science Popularization Bases.

6. New Education programs on geoconservation, sustainable development and disaster risk reduction

The geopark continued to hold activities including Leye-Fengshan science popularization volunteers, geopark science popularization in schools and social practice activities for university students, which influenced a population of more than 100,000 in 2016.

Educational activities were also held in the geopark, and tourists were advised not to throw rubbish randomly or talk loudly and reduce the usage of disposable goods, and ensured the geopark to become an environmentally-friendly and resources-saving model for the sustainable development.

The geopark provided free tickets for practice teaching groups of domestic and foreign universities and offered field practical training courses.

7. Strategic Partnership

The geopark established cooperation partnership with ten natural education agencies including Institute of Karst Geology of Chinese Academy of Geological Sciences, Guangxi Normal University, China University of Geosciences (Beijing), China University of Geosciences (Wuhan), Guangxi University for Nationalities, Baise College, Hechi College, Guilin University of Science and Engineering, and Central China Normal University; the geopark set up strategic cooperation partnership with Shenzhen Huali Group and China Geoparks Family (Geoparker), etc.

8. Promotional activities

Firstly, to actively attend the municipally-integrated tourism image promotion advertisement activity; secondly, to print geotourism promotion leaflets and send them out on tourism promotion conferences; thirdly, to open up geopark WeChat platform, letting tourists look for relative information of the geopark at any time and broaden the publicity of the geopark; fourth, to install screens in hotels and tourist centers, and promote the geopark in the form of videos and pictures; fifth, to hold colorful activities including science popularization volunteers camps, science popularization in famous universities, exhibitions on World Earth Day, and promote the geopark through WeChat, microblog, H5 and websites, which greatly upgraded the tourism reputation of the geopark.

IV. Contacts:

Manager: Lei Lanyou 393847399@qq.com; 280819962@qq.com

Geologist: Researcher Zhang Yuanhai zhanghai5225@qq.com

2016 Annual Report of Longhushan UNESCO Global Geopark

Over the past year, Longhushan Global Geopark has been supported by the GGN and the superior Land and Resources Departments.. In accordance with the requirements of the "UNESCO Global Geopark Constitution", the Geopark has implemented scientific, standardized, and normalized provisions and has improved the implementation of the Geopark's protection measures, strengthened the protection facilities and scientific research, tourism facilities, as well as the Geopark re-assessment. The Geopark construction work has been further improved. The accomplished work is summarized as follows:

1. Protection of Geological Heritages

Longhushan Global Geopark focuses on the protection of geological environment and increase the park project construction efforts to enhance the overall environment of the park, the effect is obvious. Firstly, construction of geoheritage protection projects have been completed over the years. 2011, 2012 annual geological relics protection uncompleted projects Invested more than 400 million in geological relics protection project special funds of, respectively, completed the Longhushan geological science corridor, fairy city geological science plank road two construction projects and science display signs and other projects. The second is to increase the geopark protection propaganda. using the new logo of the all the attractions and

landscape within the park. So that Longhushan more adapted to the requirements of the Geopark regulations and Highlight the characteristics belongs to the Geopark. Thirdly, improve the completion of the park infrastructure construction. Speed up the completion of the Tianhong Road, TianShifu Avenue and a number of infrastructure projects, which has effectively enhanced the park's overall environment, and promoted the Longhushan Global Geoprk comprehensive development.

2. Scientific Research and Popular Science

Longhushan Global Geopark has carried out geological research and popular science activities about the unique Danxia landform, expanding the visibility of Longhushan Danxia landform. The First is the dissemination of geological science knowledge. Geological experts are employed to train the park tour guide for geological knowledge. Futhermore, it has improved interpretatative signs at the Geological Museum, as well as geological heritage interpretation signs and other activities. In addition, it has extended the geological science knowledge to the every corner of the park. The Second is organized the implementation of the annual "Longhushan Global Geopark land and resources science base development plan" task. Complied "Longhushan Global Geopark Science Guide Map", "Longhushan geological science knowledge", "flower world" series of science books issued to a set of

tourists, successfully completed this year's popular science propaganda mission. The Third is playing a role in science base. Longhushan Geopark signed a cooperation agreement with the East China Institute of Technology and carried out summer field camps of geological practice teaching, etc., which has given a full play in the role of a science base. At the same time, the school students have been offered free tickets to visit the Geopark. The Geopark carried out school summer camps, photography contests to the school students to issue Longhushan test passport and other forms of popular science activities. Taking advantages of the annual April 22nd World Environment Day and June 25th National Land Day, the Geopark organized local primary and secondary school students to participate in geological special events, and widely popularized the knowledge of geological science, which hence inspired the students acting as popular science volunteer teams in the popular science scientific research work, and effectively promoted the popularization and publicity of knowledge of geological science in Longhushan.

3. Geopark Tourism Development and Promotion

Longhushan Global Geopark received a total of 1589.26 million visitors in 2016, tourism direct income reached 6696.965 million Yuan, respectively, an increase of 20% and 18%, and the increase is in the forefront of the provincial parks, practitioners to 6,000 people. Employment and other

ways to absorb the park more than 2,000 new tourism business, tourism practitioners per capita income of 26,000 Yuan.

Longhushan Global Geopark highlight the brand and culture to carry out tourism promotion activities, tourists and tourism direct income increased by 35% and 50%, to achieve significant results. First, build a wisdom tourism experience system. Completed the construction of the wisdom tourism experience center, the wisdom tourism experience center using the Internet and mobile Internet, Internet of things, 3D GIS, GPS, LBS, immersion virtual reality VR, holographic projection and intelligent robot technology, Its ornamental, participatory and advanced in the domestic leading level. The second is to create a platform from the media network communication. Longhushan microblogging exposure is very high, the spring theme of the dragon and winter mountain flower show spring reading volume exposure of 99.25 million people, microblogging fans grew more than 14 million, microblogging, WeChat, news exposure of more than 100 million people. Third, the largest wisdom from the media service platform - the wisdom of travel platform has been built in Jiangxi. took the lead in creating a set ticket experience, WeChat chain brand shopping, mobile tour guide services, cultural interactive games as one of the new marketing model, the development of the province's first online newspaper group system, intelligent tourism statistics system and tourists attribution analysis system in the whole

province. Fourth, improve the wisdom tourism service facilities. In accordance with the "convenient tourists, conducive to management" principle, completed the scenic tourist two-day tour management system construction, Visitors booking from the major OTA website (donkey mother, with the way network, where, Ctrip, etc.) and Longhu Hill official WeChat, no need to vote, you can directly through the brush by checking the second generation ID card, Increase the tourist recreation facilities, improve the comfort and convenience of tourists.

Make full use of the park's environmental resources in the form of a variety of rural tourism, promote the park tourism development. First, vigorously cultivate eco-tourism agriculture. Relying on the rich ecological resources of the scenic area, and constantly expand the scale of Dendrobium officinale, Founder Chestnut, organic tea and figs, and form a unique landscape agriculture belt. Second, vigorously promote the "beautiful rural" construction. Carry out comprehensive environmental remediation on both sides of Luxi River the core scenic forest coverage rate of 91%, the air negative oxygen ion content of more than 15 times the normal value, known as the "flying giant panda" of the Chinese Qiusa duck has appeared for nine consecutive years in Longhushan. Be the first to put forward the target of "build the province's most clean scenic spots" rural infrastructure continues to improve, living environment a new look. Third, vigorously develop rural

tourism. Arrange special funds, On the one hand relying on the existing stone frog breeding Tianmen Mountain, organic rice, tea planting and other project characteristics, planning to build Tianmen Mountain ecological agriculture demonstration sites; the other hand, focus on supporting the mouth Shu home, Tianmen Mountain bear home and other ecological environment and geographical advantages Of the natural village development of rural tourism, the total size of more than 120 farmhouse music, beds more than 2,500, the annual reception of tourists 200,000 people. In addition, through the property rights shares, absorb employment and other means, nearly 50% of the area residents to participate in tourism, scenic areas extensive participation in tourism development, sharing tourism development dividends, quality of life gradually increased.

4. Reassessment of the Geopark

As of the end of July 2016, Longhushan Global Geopark Administrative Committee received a four-year re-assessment, the Geopark Management Committee has attached great importance to go all out and done a good job related work. Firstly, worked out the "Longhushan Global Geopark in the second assessment of the implementation of the program", "2016 Longhushan Global Geopark assessment work task table", "Longhushan Global Geopark second assessment Inspection work program "and other normative documents,

set up by the park management committee director as the head of the work leading group, set up a work team, so that the work content, job requirements, job responsibilities" three implementation ", steadily The assessment work is carried out in a comprehensive and orderly manner. The second is to submit a reassessment of information on a regular basis. In accordance with the UNESCO Global Geopark and the Ministry of Land and Resources norms of the deadline, respectively, submitted the "China Longhushan Global Geopark work progress report", "Global Geopark Network 2015 assessment self-evaluation table A, assessment table B English) and geological heritage protection, geological research, scientific research and other documents and pictures. The Third is to do a good job of re-evaluation of inspection work. Longhushan Park to do a good job in the inspection work, held a total of more than 10 times the deployment will promote the meeting, the inspection work may be involved in all aspects of the development of detailed measures to implement.

5. Communications and Cooperation

Longhushan Global Geopark attaches great importance to information exchanges. Throughout the year in the world geological park network center and municipal publications published a large number of reflect the park construction management news information. This year by the Global Geoprk network office to adopt the manuscript of 10, at

the same time, in the land and resources and local newspapers, published on the website more than 120 articles, greatly enhance the park visibility.

Longhushan Global Geopark has strengthened cooperation and exchanges with other parks to learn from the advanced management experience and measures of other parks. Longhushan Global Geopark concluded sister parks with Jiangxi Sanqingshan, Guizhou Zhijindong Geopark, increased the exchange of management experience between each other, and also learned a lot of good experience and practice.

Participated in the 33rd Global Geopark Annual Conference held in the UK, and received national geological experts such as Russia on the Longhushan geological survey, increased the international exchange and cooperation of the park, expanded and promoted the management level of the park. At the same time, held the twelfth Longhushan International Tent Festival, "Dream of Tao" large-scale real performance, the Central Poyang Lake Cycling, the third International Taoist Forum and other major events, attracting many well-known domestic and foreign tourists to participate in, Longhushan brand effect continues to expand

6. Future Work Plan

The main work plan for 2017 is:

1. To focus on re-evaluation of rectification work. In accordance

with the UNESCO Global Geopark Council identified the three main reasons, one by one in-depth analysis of the development of appropriate rectification methods, and strive to improve the overall management level

2. To continue improving the progress of the park construction. Reasonable and effective use of annual savings geological relics to protect the project construction funds to speed up the park scientific research and other projects, and gradually improve the level of park management services.

3. To strengthen the integration with the campus education sector. The key point is on the campus of the school teachers, primary and secondary school students in geological knowledge education and training, to expand the extension of geological coverage in the campus and park attractions spread.

4. To give a full play in the role of scientific research base, speed up cooperation with the national, the provincial institutions of higher learning, play the role of Danxia landform characteristics of the park.

5. To increase publicity efforts to promote the development of the park. To take a variety of ways and marketing strategies, the park for a wide range of publicity, to promote scenic spots to increase the number of tourists to promote and enhance the entire park economic development.

GGN - Geopark Annual Report 2016

GGN Geopark Annual Report should be two pages

1. GEOPARK IDENTITY

Geopark name, country, regional Network: **Luberon UNESCO Global Geopark (France, European Geoparks Network)**

Year of inscription: 2004 / Year of the last revalidation: 2013



Cultural cooperation between a French local association, Luberon (France) and Hateg Country Dinosaurs (Romania) UNESCO Global Geoparks

2. GEOPARK FIGURES

Number of Geopark staffs: 49 staffs including 2 geoscientist(s)

Number of Visitors: nearly 1.6 million tourist stays generating 8.2 million tourist nights and 5 million excursionists (tourism survey 2012)

Number of Geopark events: more than 11 events held by management body (EGN week, Day of the night, month of the Parks, day of fruits and flavours, etc.) and some events held by partners (music festival, international meeting on climbing, book festival...)

Number school classes realize Geopark educational programmes: 234 school classes

Number of Geopark press release

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

- Launch of the website "Chemins des Parcs": interactive maps to discover the Geopark area. 24 itineraries proposed with information on nature, geology, culture...
- European Geopark Week with many activities for different public in partnership with local associations through the "Souk des Sciences": free guided tours, mobile geology museum, workshop on microfossils, exhibition about earthquakes, movies...
- Educational activities about geology, cultural heritage, ecology, history... concerning 168 classes from nursery school to high school); "My secondary school in Luberon" (66 classes); Rencontres Luberon Jeunesse (Dating Luberon Youth 2016). A day of meetings and exchanges for youth from Luberon recreation centres. 300 young people gathered to participate in outdoor activities sharing their project driven during the year.

Contribution towards GGN - Networking and Participation

- Participation to the 37th and 38th coordination committee meetings and participation to the 7th International Conferences on UNESCO Global Geoparks
- 2 presentations at the UNESCO Global Geoparks Conference (oral communication and a poster)
- Reception of a Romanian delegation from Hateg Country Dinosaurs UNESCO Global Geopark : photo and painting exhibitions in Geopark headquarter, field visits, artistic exhibition in a village (Chapelle St-Ferréol, Viens)
- EGN magazine "Cultural cooperation between two UNESCO global geoparks and a French local association - Luberon (France) and Hateg Country Dinosaurs (Romania) UNESCO Global Geoparks"
- Participation the French National Committee

Management and Financial status

- As a lead manager, mobilisation of municipalities, communities of municipalities and tourist offices of its territory to define and carry an "Espace Valléen" strategy project.

Geoconservation

- Management of geological protected sites (mammal footprints slab of Saignon, etc.)

- Management plan of a protected area in the Aptian layers (scientific interest for the description of Aptian stage, close to the historical stratotype).
- Scientific research (Eocene and Oligocene mammals of Luberon...)
- Scientific publications about mammal fossils
- Improvement of the new geosites data base
- Training on field for police agents

Sustainable tourism (Geotourism)

- 2 meetings of the Luberon GeoPartners network (hosts, outdoor sports providers, visit sites) at the the Conservatory of ochre and color in Roussillon and at the former lime and sulphur factory of Biabaux. This network brings together professionals sharing activities and values around the heritage of the Earth.
- Inauguration of the Dolmen of Goult, Neolithic monument reconstructed near the former Train Station, on the edge of the Calavon river and cycle route.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- Mon collègue en Luberon / My secondary school in Luberon: earthquake risk awareness

Strategic Partnership

- Engagement in the Territorial pole for economic cooperation "Materials and colours of Luberon"

Promotional activities

- Guided tours on aptian stratotype, on geology and culture...
- Thematic activities of Saturdays (Geoparks week (science festival, etc.), Honey and bees, Nature - Colours: ochres, clays and dye plants... Exhibition and workshops (vegetable ink, ochre pigments, mosaic workshop in terracotta tiles, made with traditional clays of the Luberon...)
- New mountain bike guidebook
- International Meeting of recreational climbing on the famous cliffs of Buoux. Escala'Buoux 2016 is a public event that welcomes both experienced climbers a family audience eager to discover a remarkable natural and cultural heritage.
- Raid Discovery Vaucluse 2016 in the heart of Parc Naturel Regional du Luberon, UNESCO Global Geopark.

Sustainable economic development

- Support for local farming products and education to respect for food and producers: actions against food waste.
- European charter on sustainable tourism in protected areas : strengthening the qualification process, structuring, tourism provides valuation

4. Contacts: (representatives)

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Gisèle MAGNE : magne93@hotmail.com

GGN - Geopark Annual Report 2016

(Lushan UNESCO Global Geopark)

1. GEOPARK IDENTITY

Lushan UNESCO Global Geopark(APGN), was approved as a member of Global Geopark Network in 2004.

Last revalidation was passed in 2014.



2016 World Earth Day Activity

2. GEOPARK FIGURES

Number of Geopark staffs: 1354 staffs including 5 geoscientists

Number of Visitors: 1,7096,200 visitors

Number of Geopark events: 16 times

In World Earth Day, together with Fengguizhuangyuan, Lushan National Preservation Administrative Bureau, Lushan Botanical Garden, "Happy Study Association". In 2016, we organize "energy saving and green life" activity, Bird-caring Week, Wild Animal Protection Awareness Month Activities, hosted University Students "Cross-strait and Four Places" Science, Technology and Culture Summer Camp, organized spring and autumn sketching activities together with Lushan Calligraphers' Association and Lushan Artists' Association, 2016 Intoxicating Autumn and Charming Winter of Lushan National Photography Exhibition, hosted Summer of Lushan art performances with Beijing Jiulong Cultural Co. Ltd., cooperated with Lushan West Lake Scenic Region, we hosted Eternal Love Travel and Photograph inter-active experience and Tourism Product Promotion News Release.

Number school classes realize Geopark educational programmes: 40

Number of Geopark press release:10 articles are released in China Global Geopark Net website, more than 40 articles in Lushan UNESCO Global Geopark website and Wechat platform. More than 200 geopark news are released and published in the main media. Among them Lushan Global Geopark news was released in CCTV 10 times.

3. GEOPARK ACTIVITIES

Major achievements in 2016

1. **Geoconservation:** RMB three millions are used in 7 sites of hidden geo-disaster risk resolution. Finished the application for Geo-heritage preservation funding project to the central government. More than 3 million visitors visited Lushan Geo-museum. Public awareness on geo-sites and cultural resources are enhanced through geo-museum exhibition and large scale of geopark popularization activities.
2. **Science research:** Re-introduction of rhododendron and conservation base construction, a joint project with England to apply as an international cooperation project to the Ministry of Science and Technology is completed. Monitoring devices for Poyang Lake water evaporation and the water input and distribution are installed. International cooperation agreements or intentions are signed with Russian, American ,British, Belgium, Dutch and Italian botanical research institutions.
3. Lushan was approved as provincial eco-civilization model base of Jiangxi Province.
4. Upgraded to Lushan Municipality, geopark total management is enhanced greatly.
5. Infrastructure is improving: Smart digital park lot is upgraded, parking places are increased from 245 to 1080. 100 new monitoring cameras and 2 new entrance ticket vending machines are installed. The sewage treatment capacity reaches 1,100,000 tons per year.

Contribution towards GGN - Networking and Participation:

1. Participated 2016 China Global Geopark Annual Conference and set up sistership with Zhijindong UNESCO Global Geopark.
2. Participated in the 7th UNESCO Global Geopark Conference.
3. Participated the Second Geopark International Course on UNESCO Global Geoparks (Beijing) and joined the study and exchanges in Yanqing UNESCO Geobal Geopark.

Management and Financial status:

1. In May, 2016, Lushan was upgrades into a municipality, cultural heritages, geosites and tourism resources of Lushan Global Geopark get unified management. The management structure are largely strengthened.
2. Finacial status: Revenue and expenditures balance. Gross fiscal revenue of 2016 is RMB 795,840,000, 792,840,000 of it is used in geopark management, conservation and construction.

Geo-conservation:

Geopark conservation is strictly according to geopark plan. Geosites are well protected and kept in their

natural state, without human being impact, except natural weathering and serious bad weather.

Sustainable tourism (Geotourism):

Geotourism guidance and interpretation system are installed in each geosites and being renewed in each season. Every year, geopark organize more than two times of professional geo-guide training, staff and volunteer training to promote public awareness and geoknowledge publicity.

New Education programmes on geoconservation, sustainable development and disaster risk reduction: We organized World Earth Day, Bird-loving Week, Wild Animal Protection Awareness Month and other themed activities, visit local families to their homes to delivery geo-disasters precaution posters, conduct more than 10 lectures on geoknowledge popularization. In addition to the cooperation on education with local schools and communities, Lushan Global Geopark is taking active research and study cooperation with universities, utilizing geotourism and special cultural resources. Continued cooperating with Nanjing University, China University of Geosciences(Wuhan). And sharing their essays, reports and works. Geopark developments and geo-scientific research ability are strengthened at the same time.

Strategic Partnership:

Most of the farmfood restaurants surrounding Lushan Mountain, Happy Study Association (members are primary students in Jiujiang), China University of Geosciences(Wuhan), Nanjing University, Lushan Special Tourism Products Whole and Retail shops, More than 30 geopark farmfood restaurants, Geopark Franchised shops, travel Agencies such as China International Travel Agency and so on.

Promotional activities:

1.Sustained promotion through internet and traditional medias are part of the major work. 278 articles released on national, provincial and municipal mainstream media . More than 1,000 articles and 8,500 geotourism information released through internet media. 2.Cloud Waterfall in Lushan and other series of geopark photographs taken by Mr. Li Min, local photographer is played in huge digital billboard in New York Times Square. 3. Promote geopark in tourism fair in several provinces. Cooperating with adjacent tourism areas to develop new tourist route. Signed cooperation contracts with 18 channel distributors and travel agencies. 4.Participate Tianjin China Mining Congress and Expo 2016 and join all the exhibitions. 5.Promote geopark in Czech, Croatia and Hungary organized by the provincial government.

4. Contacts:

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Geologist: Mr. Xiong Weiqiang xiongboy@163.com

Major achievements in 2016

- ✓ The 2016 edition of the EGN Week, entitled “*Geo-Cooperation in the bottom-up approach*” with the motto “*Celebrating Earth Heritage, Sustaining local Communities (UNESCO Global Geoparks)*”, was held from 14 May to 11 June in cooperation with about 20 local entities among public authorities, associations and private entrepreneurs offering gratis their services. The Regional Authority for Environment and Territory of all Sicily offered his legal aid because considered EGN Week, consistent with its own aims, deserving of the highest praise and useful for promoting our territory. Within the framework of an holistic approach each local entity run conferences, guided field trips, sport activities, educational activities and events offering local food. 8 of 23 days were dedicated to the Professional Continuous Updating (PCU) for geologists and credits were given by the Regional Order for Sicily’s Geologists involved. It was a success, not only because of the big number of participants of all ages, estimated to be not less than 3000, but also because of the holistic approach and the deep interest that the geological history of the Madonie aroused in the public. Emphasis was given to raise awareness on precautionary measure and mitigation of our territorial and social hydrogeological risk, facilitate dialogue among actors, and promote innovative solutions. One of the most interesting event was a scientific field trip guided by Palermo University to a new National geosite validated by the Regional Department for Territory and Environment. Final event on June the 10th highlighted best practices and the Madonie Geopark PPF Workshop was titled “Madonie Geopark: between Past that’s present and Present for Future”;
- ✓ Earth Day 2016, supported by Madonie Geopark, was held from 22 to 24 of April in Cefalù where a lot of initiatives were developed about environmental sustainability and education, tourism, sport, energy efficiency and renewable sources.
- ✓ On November 20 and 21, Madonie Geopark was present in many center of towns squares to celebrate the Three Day of 2016, in order to promot the project of "plantation of abies nebrodensis" a three very rare which is facing extinction. It was possible for the public to request a three adsorption, which is the landmark of Madonie Geopark
- ✓ Following the signature of the agreement with Italia Association of Naturalistic Guides (AIGAE) it started on the Madonie Geopark main office the training course for environmental excursion guide attended by many students from all sicilian provinces

Ente Parco delle Madonie

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- ✓ Presented on February 2nd the results of two projects: “Madonie in network” and “Madonie 2.0”. Both projects, realized under POR-FESR 2007-2013 and with the contribution of public and private institutions and the spin-off of the Camerino University. “Social Media Travelling” and the most innovative technologies were used to enhance environmental, cultural and artistic local heritage.
- ✓ The www.cefalumadoniehimera.it website, in Italian, English, French and German, summed up the project “Madonie 2.0” and contains 45 trails accessible through the App “Cefalù Madonie Himera” that can be downloaded for free from the App Store, Google Play and Windows Store.
- ✓ In 2016 it has been activated an information office in Palermo in managed in cooperation with the Foundation Sant'Elia.
- ✓ As part of the project "Reintroduction of griffon vulture in the Madonie Park" is in progress the construction of two thematic nature trails that lead to artificial feeding points for the carrion birds Carnac. A path will be made at Piano Farina in the town of Petralia Sottana, a distance of approximately 100 m, which is to follow the thematic course real on Aquila, it made a few years ago by the University of Palermo to account Ente Parco delle Madonie and near the area where it is planned the construction of the point of artificial feeding for birds scavengers (Carnaio). The second path will be made at the contrada Land of the Poor i of Isnell Municipality
- ✓ Legambiente Conference about Green Job and sustainable tourism, held on February 24th in Petralia Sottana.
- ✓ In July and August, tens of thousands of tourists visited the hinterland of the park furthest from the coast and the charming mountain villages that have proved able to offer rich cultural and entertainment programmes, also for geo-touristic enjoyment, regarding different paths, and participation in the 26rd Salt Festival, held on August 20th, supported and patronized by the Madonie Geopark.
- ✓ In September, a donation was made to support economically the people affected by the earthquake in the center of Italy and Amatrice
- ✓ PROJECT CO.BIO.SATT: It intends to respond to the risk of hydrogeological disruption of the Madonie Park through an intervention of recovering the ridge and fringed edges. In particular, it is expected that:
 - Experimentation of naturalistic engineering techniques on two areas identified within the Park (so graded and burned alive, sowing / hydrosemine, telemisuration stations for thermo-pluviometric monitoring);

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- the promotion of territorial animation activities with paths aimed at listening to the demands of the population and the involvement of citizens by adopting participatory logic and implementing relational and productive networks among local stakeholders;
 - the exploitation of the human and social capital existing in the territory through training courses aimed at the young population from the experimental paths of activated naturalistic engineering.
- ✓ Realization of the project "Network REM- ecosystem Madonie" for the production of information material on geopark geological sites; in particular the printing of 6,000 copies, of the brochure *Stones and Water*.
 - ✓ Realization of the Project for the Valorization of the Gorges on the river Pollina in C.da Tiberio of the Municipality of San Mauro Castelverde;
 - ✓ Redevelopment of an old quarry of inert materials, including buildings in the area of Portella Colla in the territory of Polizzi Generosa owned by the Madonie Park

CONTRIBUTION TOWARDS THE WORK OF THE EGN

- ✓ Oral presentation titled "*The EGN for geotourism promotion trough geosites' appreciation. The Madonie Geopark experience on geosites*" in the frame of an event titled "*Villages and Landscapes, difficulties and promotion in the Monte San Nicola Geosite of international value*", held in Butera Municipality in southern Sicily from 13 to 14 May;
- ✓ Oral presentation titled "*Geoparks in the EGN for the best promotion and management of Sicilian geosites*" in the frame of an event titled "*Mines Parks and UNESCO Global Geoparks: territory management and improvement*", held in San Cataldo Municipality, Caltanissetta Province, from 27 to 28 May;
- ✓ Participation of one representative of the Madonie Geopark authorized by the Regional Ministry for Territory and Environment, in the 37th EGN CC Meeting (17-19 March), held at the Basque Coast UNESCO Global Geopark in Spain.
- ✓ Participation of one representative of the Madonie Geopark in the 8th Workshop of the Italian Geoparks titled "*UNESCO Global Geoparks: protection, enhancement and management of geodiversity*", organized by Pollino UGG in middle-southern Italy from 4 to 6 July. Presented an oral speech titled "*Why UNESCO Global Geoparks are so useful to the sustainable development. Two positive denunciation example in the Madonie Geopark bottom-up approach*".

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- ✓ Participation in the mission, from July 30th to August 3rd, for the revaluation of the Songshan UNESCO Global Geopark in China.
- ✓ Participation to the Advisor Mission in the Wudalianchi UNESCO Global Geopark in China, from 5 to 7 August, to offer together with Dr. Ibrahim Komoo suggestions on how to improve actions useful for next Wudalianchi's revalidation.
- ✓ Participation to the Advisor Mission in the Jingpohu UNESCO Global Geopark in China, from 8 to 9 August, to offer together with Dr. Ibrahim Komoo suggestions on how to improve actions useful for next Jingpohu's revalidation.
- ✓ Publishing one article in the European Geoparks Magazine, Issue 13, March 2016

MANAGEMENT STRUCTURE AND FINANCIAL STATUS

- ✓ On september 5th in Gratteri it was opened the Museum - Environmental Center of Madonie Geopark. At the traditional ribbon-cutting ceremony attended the president of Madonie Geopark, the professors Rosario Schicchi e Maurizio Sara' of Palermo University, the mayor of Gratteri Giacomo Ilardo and many representatives of towns and region of the Palermo province area.
- ✓ Completed in December the new ski resort at Piano Battaglia geosite, expected after ten years. It will revitalize touristic activities and winter sports activities in the Madonie and Sicily.
- ✓ Because of the completed conservative restoration of the stucco, frescoes and wooden parts of the Palazzo Pucci Martinez, old residence and Madonie Geopark headquarters, Madonie Park Authority opened all the restored halls to the public fruition.
- ✓ Online training course of employees on: no corruption in public administrations

STRATEGIC PARTNERSHIP

- ✓ Signed on August 11th an agreement with AIGAE, the only professional Italian Association of Environmental and Walking Guides recognized by the Italian Ministry for the Economic Development, to provide group instruction and personal guiding at every level from easy trails, walks and treks to the most demanding hiking at the Madonie Geopark all year round. Also to offer instruction and guiding in mountain bike, canoa, donkey-hike, and other specialities as geo-tours. Most important aims are to develop new methodologies for environmental and cultural interpretation, environmental education, sustainable tourism, environmental communication and participatory formation.

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- ✓ Cooperation with Basque Coast UNESCO Global Geopark to share logos under the Conference titled “*Self-government and political representation in the European Countries*”, held in Palermo city from 26 to 27 April. Sicilian and Basque Universities and important politicians of Sicily shared their points of views on how reinforce self-government;
- ✓ Shared a specific agreement on May 10th with the Regional Order for Sicily’s Geologists in order to activate actions, programs and projects for the Professional Continuous Updating (PCU) of all Sicilian geologists. The agreement cements an alliance never interrupted and is addressed to optimize and relaunch geological professional formation in the Madonie Geopark. Madonie Geopark undersigned with some association as "Madonie a Passo Lento" and "Il Grifone" appropriate agreements in order to develop fruitful cooperation in promoting conservation, cultural, visiting and educational activities connected also to local and territorial geology, also to stimulate ideas and synergies for creating new job opportunities
- ✓ On August 20th the Madonie Geopark und signed an agreement with the Regional Environmental Guard in order to promote the conservation and protection of environment, of animals and citizen performing actions in order to preserve all areas of great naturalistic value
- ✓ Legambiente Conference about Green Job and sustainable tourism, held on February 24th in Petralia Sottana.
- ✓ Collaboration with the Confesercenti of Palermo in order to enhance the cultural, architectural and archaeological emergencies in the area of Madonie.
- ✓ Project Achievement "Job Alternation Paths" with the following Upper School Institutions:
 - Institute of Higher Education "Pietro Domina" of Petralia Sottana
 - Scientific Gymnasium "G. Salerno" of Gangi
 - Institute Alberghiero of Castellana Sicula
- ✓ Signed protocol Understanding with Legambiente for the realization and promotion of environmental education activities
- ✓ Collaborative relationships with voluntary associations for the conduct of vigilance activities in the Madonie Park
- ✓ Partnership with municipalities for the selection of an ENERGY SERVICE COMPANY ESCO for the "mixed concession of goods and services for energy reclamation and the management of public lighting systems

Ente Parco delle Madonie

Corso Paolo Agliata, 16 – 90027 Petralia Sottana (PA) • Telefono: 0921 684011 – Fax: 0921 680478 • www.parcodellemadonie.it – parcodellemadonie@pec.it
C.F. 95002760825



MARKETING AND PROMOTIONAL ACTIVITIES

- ✓ On January 4th, the Regional Minister for Territory and Environment visited the Madonie Geopark headquarters in Petralia Sottana. He presented new point of views for development and revitalization of the protected area in accordance with the "vision" of the Sicilian Region which monitors and controls 5 regional parks, occupying an area of 185,824 hectares (7,2% of the regional territory) and 72 natural reserves with a total area of 85,181 hectares (3,3% of the regional territory).
- ✓ On december 9th at the Animal Protection Institute it was organized a convention on animal life where the Madonie Geopark presented its project on Griffin Volture of Madonie, project made possible through strong cooperation with the Italian Parks Federation.
- ✓ In order to promote the Re-introduction of Griffin Volture on Madonie park area, the Madonie Geopark staff made many activities of Enrico mental education to benefit the schools of first and second grade, but also made a program for high schools.
- ✓ Conference, held on January 31st at Villa Sgadari in Petralia Soprana, dedicated to the Mediterranean Diet with a presentation of the book "Spontaneous Vegetables of Sicily".
- ✓ Economic Support to the ONLUS Association "Commenda-Solart" by Polizzi Generosa for the implementation of a welcome project for immigrant families made in the Municipality of Polizzi Generosa
- ✓ Economic support to the Municipality of Castellana Sicula for the realization of Christmas manifestations 2016
- ✓ Economic Support to the Municipality of Polizzi Generosa for the realization of the "59° festival of the Hazelnuts" - August 18-21, 2016.
- ✓ Economic support to the Municipality of Cefalù for the event "The Look of the year".
- ✓ Economic Support to the Sicilian Equestrian Training Center of Castellana Sicula for the realization of the "Stage of Endurance F.I.S.E." regional event - Castellana Sicula 03-04 September 2016
- ✓ Registration to the Portal about Parks www.parks.it

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C.F. 95002760825



GGN - Geopark Annual Report 2016

SENT TO: ggnannualreport@hotmail.com

GGN Geopark Annual Report should be two pages

1. GEOPARK IDENTITY

Geopark name, country, regional Network: **MAGMA UNESCO Global Geopark, Norway, EGN**

Year of inscription / Year of the last revalidation: 2010 / 2014

Representative Photo



2. GEOPARK FIGURES

Number of Geopark staffs: **4 staffs including 2 geoscientists, archeologist and tourism expert.**

Number of Visitors: We get the numbers from the Norwegian statistic central bureau 13th February

Number of Geopark events:

- **Opening of the dancing platform in Jøssinfjord organized by Magma Geopark staff.**
- **GEOfood international meeting with local stakeholders and international guest, organized by Magma Geopark staff.**
- **Opening of the GEOvr pilot exhibition at the Jæren Science Museum Magma and museum staff**
- **Summer guided tour in Egersund town- Magma Geopark staff**

Number school classes realize Geopark educational programmes: 8

Number of Geopark press release

- **Development of new info leaflet about Magma Geopark inside the magazine GEO distributed to all the Norwegian readers and institutes.**
- **Oil Directorate and Norwegian Geological Survey supports geoVR advertising in the EGN Magazine.**

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

- UNI Bank Foundation for securing two of MGP's visit mines- opening of the Gursli abandoned mine site to the public.
- NORA- Nordic Cooperation fund grant for the contents development of the geoVR virtual exhibition for Magma Geopark visitor centre.
- Culture fund grant for the development of the GEOMuseum for the Magma Geopark visitor centre.
- Partner in the ERASMUS EU project: sharing knowledge in the field of youth, cooperation with international partners and local school for the development of ICT tool for teachers and students to implement the outdoor learning-teaching activities.

Contribution towards GGN - Networking and Participation

- Evaluation mission to the Songshan UNESCO Global Geopark (China)
- Application for hosting the Global Geopark Conference in 2018, proposal presented to Committee during the 7th International conference on Unesco Global Geoparks
- Magma Geopark staff attended the 7th International conference on Unesco Global Geoparks in English Riviera.
- Presentation of Magma Geopark GEOvr and GEOfood at the 7th International conference on Unesco Global Geoparks in English Riviera.
- Participation to the meeting and presentation of the GEOfood project at the 37th EGN meeting in Basque Coast.
- Regular contribution for the GGN and EGN web page news.
- Article for the GGN and EGN magazine.

Management and Financial status

Geoconservation

- Magma Geopark promotes the geoconservation message in the educational material
- Magma Geopark cannot have an role in geoconservation.(?)

Sustainable tourism (Geotourism)

- Development of 5 new biking leaflet and new Magma Geoapark biking routes
- Development of educational material for general public and tourism
- Development of virtual exhibition for visiting the remote area of the Geopark

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- Within the ERASMUS project Magma Geopark is developing tool for the promotion of the

sustainable development practices

- Magma Geopark is working on GEOgreen project for green mobility and cycling routes in the Region.

Strategic Partnership

- Study visit in Czech Republic, EEA Grant Funded. Exchange of good practice in the Geoparks and tourism field.
- Cooperation agreement with the Geological Survey of Norway.
- Membership agreement in the Norwegian Centre of expertise in tourism: Fjord Norway and destination company Region Stavanger
- Partnership in the European Project Drifting Apart, networking within the member of the consortium.
- Leader of the NORA project: geoVR with Ilulissat UNESCO WHL site in Greenland, Geopark project in Faroe Island, Katla Geopark in Iceland.
- Partner in the Drifting Apart EU project.

Promotional activities

- Magma Geopark promote its activities during the platform opening in Jossignfjord.
- Promotion of geoVR at the Technological Fair in Stavanger.
- Participation to the National Radio NRK promoting Magma Geopark.

4. Contacts:

Manager: post@magma-geopark.com

Geologist: Pål Thjømøe

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

M'Goun UNESCO Global Geopark.

Morocco.

Year of inscription: October 2014.

2. GEOPARK FIGURES

Number of Geopark staffs: 1 (Who is supposed to be the manager but has never been officially appointed. Just like any ordinary civil servant with no financial means, no status, no assistants.....)

Number of Visitors: more than 100 000, visitors including nearly 20% of international tourists.

Number of Geopark events: None

Number school classes realize Geopark educational programmes ; None

Number of Geopark press release : None

3. GEOPARK ACTIVITIES

Major achievements in 2016: Nothing

Contribution towards GGN - Networking and Participation.

Management and Financial status : No status and no financial means : 00 dhs (except the museum. For local deciders Geopark concept is reduced 100% to the Museum)

Brief history about M'Goun Geopark status:

- In 2005 an association was set up to manage the Geopark project "M'Goun Geopark Association".
- In september 2011, regarding the huge problems related to that "Association staus", the regional council, the main stakeholder and main funder, has decided in the Ordinary assembly to integrate the Geopark as a department in its internal structures with regular annual budget and dedicated staff
- In January 2016 It was decided to create a Private company dedicated to M'Goun Geopark management. The decision was unanimously adopted by the regional council in March ordinary assembly. A Strategy of M'Goun UGG with a three year action plan (2016-2018) that goes in line with the recommendations letter of UNESCO, was set up by the manager and submitted to all local deciders.
- In June 2016, The decision of creating a private company was rejected and it was decided to go back to the "Association formula", ?

Geoconservation

Sustainable tourism (Geotourism) : Nothing was done

New Education programmes on geoconservation, sustainable development and disaster risk reduction : nothing

Strategic Partnership : None

Promotional activities: None

4. Contacts:

Manager: Mustapha OUABBAS. geoparc_mgoun@yahoo.fr

Geologist: Professor Boutakiout Mohamed

N.B

Here attached the M'Goun UNESCO Global Geopark strategy and the three year action plan set up by the manager in 2015 and submitted to local authorities for funding and adoption.

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY: Molina Alto Tajo UNESCO Global Geopark (EGN)

Year of inscription / Year of the next revalidation: 2014 / 2018



Ceremony for Golden Spike setting at the Fuentelsaz Global Stratotype GSSP
By the chair of IUGS International Commission on Stratigraphy (ICS) Stann Finney.

2. GEOPARK FIGURES

Number of Geopark staffs: 1 General Manager, 1 Scientific Director, 5 Staff members

Number of Visitors: 6.000 Visitors for Museum of Molina.

Number of Geopark events: Total events: 63. Held: 44, Collaborations: 19

Number school classes realize Geopark educational programmes: 6

Number of Geopark press release:

Between 3 and 10 issues per week in digital and paper media.

3 regional and national radio and 3 regional and national TV interview every month.

3. GEOPARK ACTIVITIES

Major achievements in 2016

- Declaración of Fuentelsaz Global Stratotype (GSSP) as Natural Monument protection figure
- Fixing of golden spike ceremony at the Fuentelsaz GSSP stratotype.
- Launch of Geopark Track Ways Network.

Contribution towards GGN - Networking and Participation

- Receiving delegation from Qinling Zhongnanshan Global Geopark to share experiences about Geopark Management
- Assistance to EGN Meeting in Basque Coast Geopark
- Assistance to 37th EGN Meeting and GGN Conference in English Riviera Geopark.
- Participation in 1st meeting of Spanish Geoparks Committee.
- Participation in "II Open Meeting of Spanish Geoparks Committee" on Sierra Norte Geopark.
- Participation of representatives in the EGN meetings in Rokua (Finland) and Basque Coast (Spain).
- Organizing and receiving of III Open day of Spanish Geoparks

Management and Financial status

Founding for 2016 season:

- Provincial Government: 32.000€, Municipality of Molina de Aragon: 9.200€, Museum of Molina Cultural Association: 24.000€, Regional Government: 23.637€ for staff members, Spanish Geological Survey (IGME) 5.946€

Management:

- Participation in Rural Development Group Assembly
- Signing of founding agreement between Geopark and Provincial Government
- 2nd Geopark Scientific Committee meeting
- 4th and 5th Reunion of Geopark Management Body.

Geoconservation

- Collaboration with national Geological survey for inventory and conservation of Permian Fossil forest and Triassic reptile footprints.
- Recovery of Fuentelsaz Waste dump as Stratotype Panoramic Viewpoint.

Sustainable tourism (Geotourism)

- Organization and collaboration for celebration of 9 fairs about traditional culture and activities.
- Visit of neighbor region entrepreneurs Gudar-Javalambre Association
- 8 Paleontological, environment and archeological exhibitions.
- Organizing of 2016 provincial geological outreach day "Geolodía 2016"
- Collaboration on the 1st Milmarcos Hiking Day.
- Panels and sculpture for signalization of Fuentelsaz Stratotype.
- Presentation of "Estudios Territoriales Integrados" company Geotouristic services.
- 12 temporary picture exhibitions in the Museum of Molina.
- Organizing of Environment Hiking Day with the naturalist Luis Miguel Domínguez.
- Collaboration in the Hinojosa Tractor Chess
- Several signalizing panels for Molina de Aragón Castle
- 8 Signalizing panels for several geotouristic sites
- Signalizing of Milmarcos to Labros villages Hiking Ways..

New Education programs on geoconservation, sustainable development and disaster risk reduction

- Organizing of 10 Guided visits for students to archeological sites.
- Organizing of 3 lectures for Museum of Molina archeological conferences cycle.
- Organizing of 5th Seminar of Nautilus Paleontological Association
- Archeological Research Campaign in collaboration with Reading English University in Molina's Castle Medieval Archeological Site
- Art and Nature School Infant Contest.

Promotional activities

- Choral recital by the Choir of the Madrid Press Association
- Geopark staff team is awarded with "Tierra Molinesa" Development Association Entrepreneurs Award
- Recording of several regional and national television programs to broadcast the Geopark.
- Organizing of the XXXII Conference of Paleontology of Spanish Society of Paleontology.
- Presence in FITUR international tourism fair.

4. Contacts:

General Manager: Juan Manuel Monasterio, monaste1@gmail.com

Geologist: Jose A. Martínez, j_albireo@hotmail.com

GGN- Mount Kunlun UNESCO Global Geopark

Work Summary in 2016

1. GEOPARK IDENTITY

- (1) Geopark Name: Mount Kunlun UNESCO Global Geopark
- (2) Country: China
- (3) Regional Network: Asia Pacific Geoparks Network
- (4) Year of Inscription: 2014

2. GEOPARK FIGURES

- (1) Number of Geopark Staffs

At present, there are 5 employees and 6 staffs from technical supporting unit, including 3 geoscientists working for the Geopark.

- (2) Number of Visitors

In 2016, 3,457,000 visitors were received by the Geopark and 1,600 visitors were received by the museum, creating a tourism income of RMB1.89 billion.

- (3) Number of Geopark Events

In 2016, over 80 events were carried out in total.

- (4) Number School Classes Realize Geopark Educational Programmes

In 2016, 6 science popularization activities were carried out with the primary and secondary schools for a science popularization education to the students organized by Kunlun Kindergarten, Liuyi Kindergarten and Municipal Education Bureau.

- (5) Number of Geopark Press Release

8 pieces of presses were released on the Geopark Website by the Geopark.

3. GEOPARK ACTIVITIES

- (1) Major achievements in 2016

① The *Qinghai Golmud Mount Kunlun National Geopark Planning (2014-2025)* was promulgated and implemented on June 21, 2016 through the

approval of Golmud Municipal Government;

② The review on *China Qinghai Mount Kunlun UNESCO Global Geopark Planning (2016-2025)* was completed in September 2016;

③ As regards China Qinghai Golmud Kunlun Cultural Tourism Festival, the mountain worship ceremony was held in Xidatan, Mount Kunlun in September and foreign friends around the world and relevant media and tourists at home joined in the activity;

④ Science popularization activities (All the science popularization activities were held in the museum whose attendees include the international permafrost experts, the leaders from the State Council, Ministry, provincial level, prefectural level and municipal level as well as the tourists and the students and teachers in primary and secondary schools in Golmud City).



Museum Science Popularization Activity was carried out for the students from Kunlun Kindergarten in November 2016



Museum Science Popularization Activity was carried out for the students from Jiangyuan Road Primary School in March 2016



Kunlun Cultural Tourism Festival in September 2016



(2) Contribution towards GGN - Networking and Participation

① Participate in the “International Geopark Management and Development

Training Class” held in China University of Geoscience in Beijing in January 2016;

② The “UNESCO Global Geopark Annual Meeting in 2016” was convened in Guizhou Zhijindong Cave UNESCO Global Geopark in April 2016;

③ Participate in the 7th International Conference on UNESCO Global Geoparks of the UK in September 2016.

(3) Management and Financial Status

The geopark management organization is the Administration of Qinghai Golmud Mount Kunlun National Geopark. In 2016, the income of the Geopark was RMB 4 million appropriated by Golmud Municipal Government, in which RMB 2.44 million has been charged against the expenses for study and daily work of scientific research projects in respect of *Glacial Geoheritage Research in Qinghai Mount Kunlun UNESCO Global Geopark* and *Investigation on the Suture Zone of Wild Yak Valley in Mount Kunlun UNESCO Global Geopark and International Comparative Study* now.

(4) Geoconservation

① In May 2016, the Administration for the Geopark conducted the acceptance to the interpretation system construction work of the 18 Scenic Spots of Geoheritage newly increased in Mount Kunlun UNESCO Global Geopark jointly with other relevant units like Golmud Municipal Tourism Administration;

② 3 inspections were conducted to the Geopark geoconservation;

③ In September 2016, the review on *China Qinghai Mount Kunlun UNESCO Global Geopark Planning (2016-2025)* was completed and it was promulgated and implemented in December 2016.



Photos of Acceptance for Interpretation System Construction Work of 18 Scenic Spots of

Geoheritage



Law Enforcement Inspection on
Geoconservation



Review Meeting for *China Qinghai Mount
Kunlun UNESCO Global Geopark Planning
(2016-2025)*

(5) Strategic Partnership

The strategic partnership was established with Jiangyuan Road Primary School and Municipal No. 2 Middle School,

(6) Promotional Activities

The working staffs distributed the Geopark Promotional Materials in the UNESCO Global Geopark Annual Meeting in 2016 and the 7th International Conference on UNESCO Global Geoparks.

4. Contacts:

Manager: Zhai Ju

Email Address: klsdzgy@163.com

Geologist:

Zhao Zhizhong Quaternary Glacier

Peng Dong Structural Geology

Yang Geng Quaternary Stratum and Geomorphology

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Mt. Apoi UNESCO Global Geopark (Japan, Asia Pacific Geoparks Network)

Year of inscription: 2015



Local geo class – looking and feeling Apoi's rocks

2. GEOPARK FIGURES

Number of Geopark staffs: 7 staffs including 1 geological expert and 1 curator (botany)

Number of Visitors: 18,674 (counted at Mt. Apoi visitor center)

Number of Geopark events: 25

Number school classes realize Geopark educational programmes: 12

Number of Geopark press release: 6

3. GEOPARK ACTIVITIES

Major achievements in 2016

- On 27th February 2016, hosting a Mt. Apoi Forum to discuss the conservation of Mt. Apoi's alpine plants, 600 participants, and starting 3-year (2016-2018) restoration of natural monument project which subsidized menu from agency for cultural affairs. We organized and cooperated with related experts' member.
- Support and cooperation of a special exhibit entitled 'Let's go to Geoparks!' held in Hokkaido museum and related parallel events (July-September). Collaboration with other 4 Geoparks in Hokkaido through the year: elementary school students exchange program with Toya Caldera and Usu Volcano Geopark, and local guide training in Shirataki Geopark etc.
- We held some home town public workshops regularly for local residents.
- Participation in the 'capacity development to stimulate networking activities between geoparks in the Asia-Pacific region' project as a planning project staff.
- Increase the number of visitors; the area has increase tourist visited a Visitor Center and users of local guide service.

Contribution towards GGN - Networking and Participation

- Participation in the two representatives meetings GGN 1st Ordinary General Assembly and APGN Coordination Committee that were organized at English Riviera UNESCO Global Geopark. In the 7th International Conference on UNESCO Global Geopark, we made 2 presentations (1 in poster) of Geopark progress and communicated with other Geoparks for future collaboration.
- Participation in the several JGN related forums, conferences, training courses with appropriate presentation and had profitable information exchange.

Management and Financial status

- Organize working groups the members' from related Geopark management department and function as sessions to improve internal communication.
- Stable and planned budget. In 2016 budget: 11,170,000 JPY (Fiscal Year from April 2016 to March 2017),

Geoconservation

- Hosting the several geo-conservation committees and study meetings of the 'Mt. Apoi Nature Restoration Expert Panel' (set up 2015). Supporting and accompanying the associated field research.

Sustainable tourism (Geotourism)

- Planning and implementation of sustainable Geo-tours collaborate with local businesses.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- Continued support of Mt. Apoi Dream Project (preserving and raising alpine plants) undertaken by Samani junior high school students, including related geo-education and meeting with educational institutions to set a sustainable educational program (elementary school and junior high school).

Strategic Partnership

- Started new comprehensive partnership agreement with local bank; Hidaka Shinkin Bank for community development.
- Partnership with Visitor Center and hotel which provides discount coupons.
- Continued comprehensive partnership agreement with Hokkaido University Field Science Center for Northern Biosphere to jointly investigate the sea conditions and these impacts.

Promotional activities

- Editions of a new promotional leaflet in different languages (English, Chinese, Korean).
- Several speeches and lectures promoting Geopark was held during the last year.
- TV and radio programs, newspaper and booklet articles to celebrate and promote the UNESCO status of Global Geopark and the territory.
- Continued the produce of promotion Geopark goods and renewed some signboard after designation as UNESCO status.

4. Contacts:

Manager: Takumi Harada

email:apoi.geopark@festa.ocn.ne.jp

Geologist: Satomi Kato

email:apoi.gvc@iris.ocn.ne.jp

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Muroto Geopark, Japan, APGN

Year of inscription / Year of the last revalidation 2011 / 2015

Representative Photo (from the most important event this year)



Special Tour of the Muroto UNESCO Global Geopark Deep Sea Expo 2016

2. GEOPARK FIGURES

Number of Geopark staffs: 14 staffs including 2 geoscientists

Number of Visitors: Geopark Center: 84,276 / Guided Tour: 7,491

Number of Geopark events: 47 by management body / 10 by cooperative organization

Number school classes realize Geopark educational programmes: 32

Number of Geopark press release: 37

3. GEOPARK ACTIVITIES

Major achievements in 2016

- Muroto UNESCO Global Geopark Deep Sea Expo 2016
- “Geo Well Meeting,” Geopark community meetings in 7 different area
- Launch of new research programs with geopark guides, local people, local students
- Development of the new certification system for Geo-Guides

Contribution towards GGN - Networking and Participation

- Participation in the 7th International Conference on UNESCO Global Geoparks
- Participation in the 1st Ordinary GGN General Assembly
- Participation in the APGN Coordination Committee meeting and Coordination of

- establishing APGN CC mailing list one month before the meeting
- Contribution to the GGN newsletter and GGN webpage with articles of Muroto UGG
- Coordination and participation in JGN Capacity Development Project (2016) as the Project Subleader

Management and Financial status

- Formation of the 3rd Action plan (2016-2019) after a series of discussions with local residents, committee members
- Financial status of the geopark is stable with operating budget for FY2016 totals JPY 51,457,000

Geoconservation

- Support for researchers applying for permits under Natural Park Act when collecting rock samples (gabbro) with advices regarding conservation of geological heritages. (Two cases; researchers from Kochi University and Osaka City University)
- Protection activities for endangered plants

Sustainable tourism (Geotourism)

- Operation of seasonal geo-tours, special tours in collaboration with some events
- Guide training courses with new certification system
- Development of new tours by geotourism promotion team members

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- River research project collaborated with “After-school Programs for Children”
- “Geopark studies” of Muroto high school: students learned sustainable development through planning geo-tour with local people.
- “Go for It! Muroto Geopark Guide” for all the elementary and junior high schools in Muroto UGG with the increase of budget for educational field trips
- Development of a new program for hosting high school excursion trip from Tokyo in cooperation with geopark guide organization

Strategic Partnership

- Designation of a scientific staff as Kochi University Visiting Lecturer under the Collaboration Partnership Agreement of Kochi University and Muroto City
- Signing of a partnership agreement with National Youth Outdoor Learning Center with establishment of some joint events

Promotional activities

- Posting articles in the monthly city report
- Frequent update of Muroto Geopark web site, Facebook, Twitter
- Publishing Muroto Geopark Newsletter every other month

4. Contacts:

Manager: Koji WADA info@muroto-geo.jp

Geologist: Takaaki SHIRAI shirai@muroto-geo.jp

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

MUSKAU ARCH GEOPARK, Germany - Poland, UNESCO Global Geopark (2011, EGN), 2011 / 2015



Youth of the International Geopark Camp “Craft meets Geology” during a field trip into the open cast mine “Nochten” near Weißwasser/O.L.

2. GEOPARK FIGURES

Number of Geopark staffs: 3, *including 2 geoscientists*

Number of Visitors: *around 40.000 (the final annual statistic is expected by end of February 2017)*

Number of Geopark events: 52

- organized by the man. body: season opening (trad. event for communities, tourism associations and service providers, press) / spring walks (hiking tours on diff. issues) / guided bike tours (“season start” + “end of season”) / kids hiking tour / workshop nature value” for entrepreneurs / Intern. Geopark Camp (8 days), holiday games for children

- organized by coop. organisations: discovery, moon light and children tours by the “forest railway Muskau” / season opening + open house days with diff. subjects in the crafts and the glass museum / “heat up” + guided tours, special offers for bikers or a fashion show in the old brick factory Klein Kölzig / special offers like “day of stones” in the Erratic Boulder Park Nochten / fishing contests + divers trips in post-mining lakes / “snow flurry” – and “dragon golf”- events in the Ice age village

Number school classes realize Geopark educational programmes: 34

Number of Geopark press release: *around 60*

3. GEOPARK ACTIVITIES

Major achievements in 2016

- participation in the „Day of voivodship Lubuskie“ in the heart of the UNESCO Geopark in collaboration with World Heritage Site Muskau Park, 25th June 2016, ar. 5.000 guests

- won the award of the 6. edition of the Polish National Geographic Traveler competition

- II. International Geopark Camp „Geology meets craft” with youth from three (UNESCO) Geoparks from Poland, Hungary, Germany (30 part.), 13th – 20th Aug. 2016

Contribution towards GGN - Networking and Participation

- participation in the EGN meetings in Basque Coast Geopark (Spain) and in English Riviera Geopark (GB), with one German and one polish representative (CC members), one oral presentation, and two chairmans in meetings, March 16th – 18th 2016
- presentation and participation as a member of the panel session on the intern. conference „Innovative Methods of the Nature Heritage Interpretation and Efficient Management for GeoTourism“, organized by GP Ralsko, Czech, 26th – 27th May 2016

Management and Financial status

- conclusion of a project agreement with a regional development company establishing a european grouping of territorial cooperation (EGTC) for a common future cross-border Geopark structure (Germany – Poland) within the next 2 years

Geoconservation

- expanding cooperation with the World Heritage Site Muskau Park by implementation of common mapping to extent the existing network of geo sites, natural and cultural sites for future plannings in the cross-border region, first part February – September 2016

Sustainable tourism (Geotourism)

- support of expansion of local tourist entrepreneurs and craftsmen by promotion in marketing issues and trainings to increase the quality of tourist offers of service providers (structural expansion, preparation of a new camp site, opening of a pottery)
- beginning of development and creation of a tourist offer for divers by exploration and establishing of collaborations with new Geopark partners, autumn 2016

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- new project dealing with the topic „sand” as stone of the year 2016: school projects, field trips, presentations, ongoing project with ~ 300 youth and adult part. (until now)

Strategic Partnership

- consolidation of local partnerships with the Polish state landscape park government and the German Nature Conservation Association NABU by implementation of training courses for geo guides, topics birds and birds protection, endangered plants

Promotional activities

- presentation in 3 polish tourist fairs (Szczecin, Gorzów, Wrocław) and 2 german tourist

fairs (ITB Berlin within a common UNESCO Global Geopark stand, Dresden)

- presentation in a number of markets, regional fairs and partner events

- updating and reissue of a range of print materials

4. Contacts:

Manager: Nancy Sauer (geographer, n. sauer@muskauer-faltenbogen.de)

Public relationships: Krzysztof Czahajda (Dipl.-Ing.; k.czahajda@muskauer-faltenbogen)

Geologists: Dr. Manfred Kupetz, Jacek Kozma (german and polish association)

GGN - Geopark Annual Report 2016

1. GEOPARK NATURTEJO DA MESETA MERIDIONAL

Naturtejo UNESCO Global Geopark (Portugal, European Geoparks Network)

Year of inscription 2006 / Year of the last revalidation 2015



2. GEOPARK FIGURES

Number of Geopark staffs: 16 staffs including 4 geoscientists

Number of Visitors: about 250.000.

Number of Geopark events: events held by management body: 19; cooperative organization: 71

Number school classes realize Geopark educational programmes: 45

Number of Geopark press release: 175

3. GEOPARK ACTIVITIES

Major achievements in 2016

- Celebration of the 10 years of the UNESCO recognition for Naturtejo Geopark in two events with the presence of ministers of the government of Portugal
- Recognition of the Malcata region in the European Charter for Sustainable

Tourism

- Organization of the Ichnia 2016 – 4th International Congress of Ichnology
- Tejo Natural Park declared transborder Biosphere Reserve

Contribution towards GGN - Networking and Participation

- Participation in the EGN meetings
- Participation in the UNESCO Geoparks Conference
- Coordination of the UNESCO Geoparks booth in FITUR and ITB most important international tourism trade shows
- Translation to Portuguese of English Riviera Declaration
- Participation with articles for EGN communication media
- Participation on the celebration of the 1st anniversary of the IGGP in Lisbon
- Evaluation of Mixteca Alta aspiring Geopark in Mexico

Management and Financial status

- The management body is Naturtejo, EIM, a public-private partnership where the municipalities have the majority of the capital.
- The annual budget is balanced keeping the 175,000 euros from the municipalities and 125,000 euros from projects and gains from selling educational activities and tourism packages. This budget does not include the ESTEAM European Project.

Geoconservation

- Study and valorization of the Fraga da Água d'Alta Geomonument
- Geoarchaeological study of Ponsul Roman gold mine geosite
- Development of the project for valorization of Barrocal geosite in the city of Castelo Branco with the expected investment of 1,9 million euro.

Sustainable tourism (Geotourism)

- Launching of the municipal network of footpaths of Penamacor
- Development of new geoproducts with local companies and actions to facilitate the selling
- Organization as partners of regional and international conferences such as Helix International Conference, Scientific Management and i-Danha Food Lab Accelerator Soft Launch Event
- Portugal O'Meeting with 1000 participants
- Organization of the Crossbow World Championship

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- A Journey through the Rock Cycle of the Center of Portugal
- Training courses for tourism businesses and personnel on tourism resources and products of the Geopark
- Rios Project – adoption of Ponsul river sections by local school classes for ecological monitoring
- AHRESP Courses on technical English language for the tourism sector
- International Archaeological Working Camp of Proença-a-Nova
- Plant Portugal initiative with 200 participants

Strategic Partnership

- Participation in the Erasmus+ ESTEAM project as partner
- Participation in the Interreg Danube project Geotour as invited experts
- Scientific cooperation with Villuercas Ibores Jara UNESCO Global Geopark
- Scientific cooperation with English Riviera UNESCO Global Geopark
- Partnership with the Society Abastena for the study and valorization of the Fraga da Água d'Alta geomonument
- Partnership with Grutas da Moeda for common educational and promotional activities
- Partnership with Bikotel national network of bike-friendly hotels

Promotional activities

- Coordination of the Global Geoparks participation in ITB Berlin – International Tourism Trade Fair
- Coordination of the Global Geoparks participation in FITUR Madrid – International Tourism Trade Fair
- Participation in the BTL Lisbon – International Tourism Trade Fair
- Participation in the Christmas of Strasbourg under the Portuguese delegation as invited country during 35 days
- Participation in Bike Portugal and Portugal Agro Festivals
- Participation in local festivals

4. Contacts:

Manager: Armindo Jacinto geral@naturtejo.com

Geologist: Carlos Neto de Carvalho

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network:

Ningde UNESCO Global Geopark, China, APGN

Year of inscription / Year of the last revalidation: 2010/2014

Representative Photo



2. GEOPARK FIGURES

Number of Geopark staffs: There are 489 staffs in geopark, including 3 geoscientists.

Number of Visitors: There are 4.73 million visitors to the geopark in 2016.

Number of Geopark events: 25

Number school classes realize Geopark educational programmes: 12

Number of Geopark press release: 20

3. GEOPARK ACTIVITIES

Major achievements in 2016

- (1) Held 6th Ningde Global Geopark Culture and Tourism Festival;
- (2) Held 31st China Geo-tourism Conference-Ningde Global Geopark Geo-tourism and Sustainable Development Symposium;
- (3) Established twinning relationship with Wangwushan-Daimeishan UNESCO Global Geopark and Jinbohu UNESCO Global Geopark in China.

Contribution towards GGN - Networking and Participation:

Geopark delegates attended annual working meeting of Chinese Geopark Network, 7th International conference on UNESCO Global Geopark, 1st & 2nd international Training Course on UNESCO Global Geoparks. The geopark had established twinning

relationship with Wangwushan-Daimeishan UNESCO Global Geopark and Jinbohu UNESCO Global Geopark in China. The geopark invited 6 twinning UNESCO Global Geoparks to attend 31st China Geo-tourism Conference-Ningde Global Geopark Geo-tourism and Sustainable Development Symposium.

Management and Financial status

Management: In 2016, there are 35 staffs added in geopark.

Financial status: The financial status is good. In 2016, ticket income of geopark is 230 million yuan. And geopark spent 200 million yuan for geopark's construction.

Geoconservation

In 2016, the geopark invested 30 million yuan on geoconservation, which contain the repair of infrastructure after the typhoon, hazard protection programme and planting.

Sustainable tourism (Geotourism)

The member of tourist to the geopark is about 4.73 million people/time in 2016, tourism ticket income reaches 230 million yuan (RMB), direct tourism employees are adding 2000 jobs, indirect employees adding 6000 jobs until the end of 2016.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

The committee of geopark established *The Scientific Education Programme in 2016*, and organized *scientific education* activities, such as World Earth Day activity, primary and middle school summer vocation camp activity and so on. In 2016, five earth knowledge lectures had been held and 330 students were educated.

Strategic Partnership

The committee of geopark has established long-term cooperation with of Fujian Geological Research Survey, Fuzhou University, Fujian Normal University, Jiageng College of Xiamen University, Ningde Normal University etc.. Otherwise, the committee of geopark had signed the strategic partnership agreement with local 87 tourism agencies and 10 enterprises.

Promotional activities

The geopark spent 35 million yuan on promotional activities in CCTV and other mainstream news media.

4. Contacts:

Manager: Zhong Minglong ndsjdz@126.com

Geologist: Huangguoyi kcfzfyhy@163.com

North Pennines AONB UNESCO Global GEOPARK (England, UK)



Major achievements in 2016

- A major new project, Earthworks, was submitted for funding. The project, worth approx. €650,000, will provide new interpretation and trails, education services, public events and a series of youth camps, plus a wide range of community projects. It will also allow for the appointment of a new

geoscientist to manage the work over four years. A decision is due on 7th March 2017

- We launched OREsome North Pennines, a two year project investigating the geology, ecology and history of a series of former lead mining sites
- Our visitor centre won 'Small Visitor Attraction of the Year' at the north east of England Tourism Awards, against 21 other entries in that category.
- We were partners in a major outdoor art installation, 'Waterfall' which brought 2000 people through our visitor centre to see moving images of local waterfalls projected onto traditional white barns at night. The team ran projects with local schools focusing on the geology of the waterfalls.
- Creation of our new North Pennines Observatory, which is partly developed with a local community and which will also include interpretation on the 'geodiversity of the solar system'.

Contribution towards the work of the EGN

- Participation in the EGN meetings in Spain and England (including the Global Geoparks Conference)
- We are part of a group of Geoparks and aspirant Geoparks which submitted a bid to the INTERREG (Atlantic Isles) programme.

Management structure and financial status

- The budget which underpins the overall management organisation for the Geopark has been protected by the UK Government from further cuts. The economic situation is still incredibly challenging for developing new projects. However, by the end of 2016 we had bid for (or were shortly due to bid for) approx. €18m of funding across a wide range of projects. The political climate in relation to collaboration with the EU remains complex and challenging. For the team it has never been more important to realise the opportunities before this becomes much harder; for vocal

elements of the public and some politicians, this kind of collaboration is even less popular than it had been in the past.

Strategic partnerships

- The team is actively engaged in wide range of strategic partnerships, including a cross-border initiative with southern Scotland, two multi-partner landscape-scale heritage conservation/tourism/education programmes and a major cross-border project with a neighbouring National Park.

Marketing and promotional activities

- Our visitor centre was named north east of England 'Small Visitor Attraction of the Year'
- We continue to secure good media coverage for our work on a wide range of issues.

Sustainable economic development

- Our visitor centre has continued to develop this year, expanding its range of local products and its offer of events for the public and activities for schools. Other work included the further development of our electric bike network.

Contacts:

Chris Woodley-Stewart

chris@northpenninesaonb.org.uk

Pete Jackson

petesmine@gmail.com

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

North West Highlands UNESCO Global Geopark (UK, European Geoparks Network)

Year of inscription: 2004 / Year of the last revalidation: 2015



Dr Laura Hamlet & Dr Tori Herridge discuss the Moine Thrust at Knockan Crag NNR on Channel 4 documentary

2. GEOPARK FIGURES

Number of Geopark staffs: 4 staffs including 2 geoscientist(s)

Number of Visitors: 15,865 @ Lochinver Visitor Centre. 33,461 @ Durness Visitor Centre 6600 @ Knockan Crag NNR & 8000 at the Rock Stop NWHG Visitor Centre

Number of Geopark events: 28 (Geopark), 106 (partners)

Number school classes realize Geopark educational programmes: 2

Number of Geopark press release: 3

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

- Event in the Scottish Parliament showcasing the UNESCO wider value report from the Portuguese national commission (With Elizabeth Silva)
- Coigach Assynt Living Landscape Project secured £5million funding for land-management, community, scientific, marine and educational projects
- Appeared in Channel 4 Documentary 'Walking through Time' aired at 20:00, Saturday 24th September.

Contribution towards GGN - Networking and Participation

- Attendance @ UK Committee for UNESCO Global Geoparks
- Attendance @ 37th European Geoparks Network Coordination Committee
- Attendance at the 38th European Geoparks Network Coordination Committee,
- Attendance @ 7th International Conference on UNESCO Global Geoparks
- Attendance at the Global Geoparks General Assembly
- Contribution of articles to the EGN magazine and Newsletters

Management and Financial status

- **Social Enterprise & Registered Scottish Charity**
- **In 2016 a trading subsidiary for the charity was incorporated.**
- **Accounts submitted show the company is solvent.**

Geoconservation

- Attended Geoconservation annual gathering and delivered workshop on Global Geoparks – Geodiversity audits and action plans

Sustainable tourism (Geotourism)

The North Coast 500 driving route www.northcoast500.com

New Education programmes

- The Soils Fertility Research Program www.nwhgeopark.com/research

Strategic Partnership

- North Coast 500 tourism initiative networking as precursor to formal partnership
- Attendance at UNESCO Wider Value Report celebration event for UK Government in Westminster, London
- Attendance at UNESCO Wider Value in Scotland event in Aberdeen Scotland
- Working to develop a UNESCO sites consortium in Scotland
- Worked with Wester Ross Biosphere to assist UNESCO MaB status

Promotional activities

- Channel 4 Documentary 'Walking through Time' aired at 20:00, Saturday 24th September. Channel 4 regularly get 10% of the 59 million TV viewers in the UK.
- Attended PETEX (Petroleum Geoscience conference with 2,300 delegates) to promote Scottish Geoparks

4. Contacts:

Manager: **George Farlow** Georgefarlow@btinternet.com

Geologist: Dr Laura Hamlet, Geoarchaeologist laura@nwhgeopark.com

GGN - Geopark Annual Report 2016



1. GEOPARK IDENTITY

Geopark name, country, regional Network:	Novohrad-Nógrád UNESCO Global Geopark (2010, EGN)
Year of inscription / Year of the last revalidation:	2010 / 2014
Representative Photo	Medves Photo Marathon 2016



2. GEOPARK FIGURES

Number of Geopark staffs: **7 (including 1 permanent and 3 part-time geoscientists)**

Number of Visitors on the main geosites: approx. **196.000**

Number of Geopark events: **66**

Number school classes realize Geopark educational programmes: **67**

Number of Geopark press release: **89**

3. GEOPARK ACTIVITIES

Major achievements in 2016

- **3rd Medves Photo Marathon – a 48-hour marathon program for more than 400 photographers and fans of Novohrad-Nógrád Geopark (many activities on many places, exhibitions, workshops, guided trips to geo-sites, illuminated**

medieval castles, historic groups posing the photographers, shooting of sunsets, sunrises, night sky, bird watch etc). Including a photo-competition with more than 400 pictures made by 86 photographers (3200 visitors)

- “Volcano Day” in Nature Reserve Ipolytarnóc Fossils – various lectures for kids and volcano model presentations (1230 visitors)

Contribution towards GGN - Networking and Participation

- **Study trip for 40 mayors to the Bakony-Balaton UGG (HU) and Papuk UGG (Croatia)**

Management and Financial status

- **Changes in Geopark management (personal changes, modification of the working programme, action plan, ...)**
- **Preparation of the Geopark enlargement: communication with representatives, preparation of the basic documents, passport of selected geological sites, photo documentation, geological map etc.**

Geoconservation

- **Consultations of 3 diploma works of students from Slovakia and Hungary**

Sustainable tourism (Geotourism)

- **12 guided tours to the Geopark sites for general public incl. 2 night tours**
- **3 guided tours for kids, students and experts from outside the Geopark**

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- **Youth Photo Marathon; Competition on the Bird Day and Tree Day; The European Geoparks Week in Novohrad-Nógrád Geopark; “Explore the Novohrad-Nógrád Geopark” – quiz, fun, competition for kids; “We are playing in geopark” – teenagers prepare games for the kindergarten kids; “Souvenir for Geopark” – art-competition for local primary and secondary schools; “Family day” – 1 day programme for families; 3 photo exhibitions, 10 lectures on Geopark topic in Visitors Centre Eresztvény, Geopark Summer Camp 2016 for kids aged 7-15.**

Strategic Partnership

- **Annual meetings of the Slovak National Geopark Commission and Hungarian National Geopark Commission both held in Novohrad-Nógrád UGG**
- **Preparation of common project proposal within the INTERREG V-A Programme - together with the State Nature Conservancy of the Slovak Republic and the Bükk National Park Directorate**

Promotional activities

- **Participation at the Trade fairs ITF Slovakia-Tour 2016 in Bratislava (SK) and Utazás 2016 Budapest – Hungarian tourist trade fair**

4. Contacts:

Manager: **Dr. Péter Oláh (peter.olah.dr@gmail.com)**

Geologist: **Attila Lavaj (info@nngeopark.eu)**

GGN / EGN representatives: **Ivona Cimermanová (geopark.filakovo2@gmail.com)**
Imre Szarvas (office@nngeopark.eu)

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Odsherred UNESCO Global Geopark, Denmark (EGN)

Year of inscription: 2014

Representative photo: *Her Queen Margrethe II of Denmark visiting the finding place of the Sun Chariot in connection with a brand new flag site project in Geopark Odsherred. Her Majesty is looking at a model of the project together with (to the left) two landscape architect students from University of Copenhagen and (to the right) the director of the Geopark Odsherred Foundation, the Mayor of Odsherred Municipality and the chairman of the Geopark Odsherred Foundation.*

2. GEOPARK FIGURES

Number of Geopark staffs:

1 director of the Geopark Foundation, one Geopark manager, one geologist and one communication coordinator – altogether 4 employees in Geopark Odsherred.

Number of Visitors:

Estimated number of visitors at major geosites and major events:

- Esterhøj and The Ridge Path 18.000-20.000 visitors during 2016
- Geokids-project: 2500 visitors during 2016
- Geopark Festival: 13.000 visitors spread over 135 events in 3 days.

Number of Geopark events:

- Geopark Festival 3-day event held throughout the whole Geopark-area.
- 125 guided tours during summer with the average of 30-35 participants.

Number school classes realize Geopark educational programmes

- Aprox 35 school-classes (1000 pupils) in connection with the geokids-programme.

Number of Geopark press release

- Around 50 press-releases including both local and national newspapers, television, radio.

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

- Her Majesty Queen Margrethe II of Denmark were visiting Odsherred UNESCO Global Geopark September 5th and 6th 2016. The Queen is visiting the place where the Sun Chariot was found in 1902. Her Majesty was also visiting the Geokids-project. (View photo).
- Initiating a new project about revitalization of the finding place of the Sun Chariot – landscape, geology and cultural history.
- Initiating a brand new educational program for Geoguides.
- Opening The Ridge Path – 7 km hiking path across the end moraine with lots of views – landscape, dissemination, cultural history and land art.
- Cooperating with both the National Danish Geological Survey and local farmers etc. about the establishing a huge dissemination project on Lammefjord – landscape, geology and local produce.

Contribution towards GGN - Networking and Participation

- Network meeting in Magma Geopark about the Nordic GEOfood Project. May 2016.
- Finishing the Nordic GEOfood project together with Magma, Rokua and Reykjanes Geoparks. September 2016.
- Participation in the 7th International Conference on UNESCO Global Geoparks in England and the EGN Coordination Committee in September 2016.
- Study tour to Bergstrasse-Odenwalt UNESCO Global Geopark for Board of Directors from the Geopark Odsherred Foundation, Odsherred Municipality and the VisitOdsherred (tourism) – about 20 people participating. May 2016.
- Participating in the 35th International Geological Congress in South Africa. August / September 2016
- Initiating a meeting for the Nordic UNESCO Global Geoparks

Management and Financial status

- The Geopark Odsherred Foundation has a 3 year economic agreement with Odsherred Municipality and in 2016 the equity capital of the Foundation was further more strengthened.

Geoconservation

- Partnership agreement with University of Copenhagen research project “Future Landscapes.

Sustainable tourism (Geotourism)

- Initiating the GeoGuide course for local inhabitants who want to become more familiar

with the geopark-concept.

Strategic Partnership

- Partnerships with national Geological Survey about the Lammefjord-project, University of Copenhagen, Odsherred Municipality and about 25 local partners

Promotional activities

- Leaflets about The Ridge Path, Sun Chariot, Geopark-festival 2016, Geopark Odsherred as a tourist destination, Eat Well in Geopark Odsherred, Art and Culture in Geopark Odsherred during Pentecost and the taste of Odsherred during autumn holiday.

4. CONTACTS:

IMPORTANT: We have got new emails!

Manager: Nina Lemkow, nina@geoparkodsherred.dk

Geologist: Jakob Walløe Hansen jakob@geoparkodsherred.dk

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Name of the Geopark: Oki Islands UNESCO Global Geopark (Japan, Asia Pacific Geoparks Network)

Year of inscription: 2013 / **Year of the last revalidation:** to take place in 2017

Representative photo: Oki Islands UNESCO Global Geopark Festival which attracted around 4,000 visitors (Matsue City, 24.04.2016)



2. GEOPARK FIGURES

Number of Geopark staffs: 9 including 1 geology specialist & 1 nature specialist

Number of Visitors: 124,035

Number of Geopark events:

- Geopark-organized events: 8
- Geopark-organized lectures for local community and field work tours: 31

Number school classes that realize Geopark educational programmes:

- Oki High School: compulsory course for 1st and 2nd year students, elective course for 3rd year students
- Lectures at elementary, junior-high and senior-high schools conducted by geopark lecturers: 38

Number of Geopark press release:

- Newspaper articles containing geopark information: 18
- Magazine articles introducing the geopark: 3

3. GEOPARK ACTIVITIES

Major achievements in 2016

- Led Japanese delegation during APGN Experience Sharing Week (Hong Kong UNESCO Global Geopark, 14-21.12.2016)
- Participated in planning and organizing the UNESCO Global Geoparks Celebration Forum (Hakusan Tedorigawa Japanese Geopark, January 2016)
- Implemented educational program developed with Ministry of the Environment
- Certified 5 geo-guides (Intermediate Guide; Level 2)

Contribution towards GGN - Networking and Participation

- Participated in UNESCO Global Geoparks Celebration Forum (Hakusan Tedorigawa Japanese Geopark, 23-24.01.2016)
- Participated in Geoparks Niigata International Forum (27-29.07.2016)

- Participated in 7th International Conference on UNESCO Global Geoparks (English Riviera UNESCO Global Geopark, 27-30.09.2016), GGN General Assembly (30.09.2016), and APGN Coordinators' Meeting (27.09.2016)
- Coordinated communication between Hong Kong UNESCO Global Geopark and Japanese geoparks before and after an exchange programme with Hong Kong UNESCO Global Geopark and other Japanese geoparks (APGN Experience Sharing Week, 14-21.12.2016)
- Established exchange with Geopark Kielce (an aspiring geopark from Poland)

Management and Financial status

- Management was conducted by the Oki Islands UNESCO Global Geopark Promotion Committee, which is composed of 45 cooperating organizations.
- Managed own finances and independent budget. Main source of capital were funds contributed by four municipalities of the Oki Islands and Shimane Prefecture.

Geoconservation

- Organized beach cleaning events
- Developed 3D image of one of the geosites (Candle Rock)

Sustainable tourism (Geotourism)

- Conducted tourism market survey
- Conducted geotours and activity programmes in cooperation with Tourism Associations and Guide Associations
- Conducted 'Oki Adventure Islands Programme' for children from Shimane Prefecture in cooperation with Shimane Prefecture
- Developed an audio guide system (to be utilized from 2017)
- Commenced sale of geotour packages in cooperation with Yomiuri Travel Service

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- N/A

Strategic Partnership

- Oki Nature Museum – cooperated to create explanations and signboards utilized in the museum
- Shimane AQUAS Aquarium – established partnership, cooperated on exhibition about Oki Islands UNESCO Global Geopark in the Aquarium (to be held from April 2017)

Promotional activities

- Created a comic book for local residents explaining the Basic Plan of the Oki Islands UNESCO Global Geopark
- Created aerial footage of the geopark to be utilized for promotional activities
- Held Oki Global Geopark Seminar (Tokyo, 20.02.2016)
- Held 'Oki Adventure Islands Programme' for prefectural children in cooperation with Shimane Prefecture
- Held Oki Islands UNESCO Global Geopark Festival (Matsue City, 24.04.2016)
- Held 'Geopark Symposium' in municipality of the geopark
- Enhanced methods to spread information using social media (Facebook, Youtube)
- Re-designed and increased the number of geopark advertisements on public buses
- Published article introducing the geopark in GEO ExPro Magazine

4. CONTACTS

Manager: Kazuhiro Nobe, e-mail: nobe@oki-geopark.jp

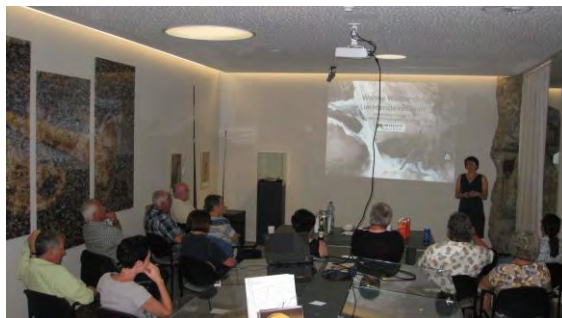
Geologist: Masanori Hirata, e-mail: hirata@oki-geopark.jp

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Geopark Ore of the Alps, Austria, EGN

Year of inscription / Year of the last revalidation: 2014 / -



Prof. Dr. Sylke Hilberg (University of Salzburg) about the "Hot springs of Liechtenstein gorge", geosite 121

2. GEOPARK FIGURES

Number of Geopark staffs: 6 staffs including 3 geoscientist(s)

Number of Visitors: 189.594 - Liechtenstein gorge, geosite 121

Number of Geopark events: 12 by management body and 4 by cooperative organization

Number school classes realize Geopark educational programmes: 24

Number of Geopark press release: 12

3. GEOPARK ACTIVITIES

Major achievements in 2016

Special exhibition in the Geopark visitors centre at Bischofshofen - ski jumping area, with the title "People - Power - Music" (From the copper ore to the trumpet), 2016.

European Geopark Week Topic: Hot springs, rapids and waterfalls (concert, popular scientific lecture, gold washing for the family, free guided tour on the waterfall trail, ...)

Contribution towards GGN - networking and participation

Participation of Horst Ibetsberger (Geopark Geo-scientist) and Josef Gantschnigg (Financial Director of the Geopark) at the 7th International conference on UNESCO Global Geoparks at the English Riviera, Great Britain, September 2016.

Sylke Hilberg (University of Salzburg, Dep. of Geology) and Horst Ibetsberger: "LIECHTENSTEINKLAMM - Deep Gorge and Mystic Springs in the Ore of the Alps UNESCO Geopark, Austria" in the European Geoparks Magazine, Issue 14, 2016.

Management and financial status

The management structure of the Geopark is the same as reported in the evaluation document 2014. The financial status of the association "Ore of the Alps" was examined and approved by the INTERREG funding agency, as well as through the treasurer audit.

Geoconservation

Cooperation with the Dep. of Geography and Geology, "Alpine self-sufficiency agriculture of the miners." Master Thesis, University of Salzburg, Prof. Juergen Breuste

Sustainable tourism (Geotourism)

Preparation of the article "UNESCO Geopark Ore of the Alps" for the book "UNESCO Geoparks of Austria" which will be published in spring 2017

New Education programmes on geoconservation, sustainable development and disaster risk reduction: Project "Sustainable tourism and educational programmes" together with the University of Salzburg, Dep. of Geography and Geology

Strategic partnership

Cooperation meeting of the transnational LEADER Geopark partners: German national Geopark "Inselsberg - 3 Gleichen" in Thuringia, German national Geopark "Porphyryland Sachsen" in Saxonia and the UNESCO Geopark "Ore of the Alps" in Saxonia: Hohburg

Promotional activities

Report of the ORF (Austrian Broadcasting Corporation) Salzburg about the opening of waterfall trail in Bischofshofen, April 2016

4. CONTACTS:

Manager: Herwig Pichler

herwigpichler@gmail.com

Geologist: Horst Ibetsberger

horst.ibetsberger@geoglobe.at

PAPUK GEOPARK (CROATIA)



Campsite Duboka

Major achievements in 2016

- New campsite has been built near Visitor centre in Velika. Value of project “Campsite Duboka” was 375.000 Euro and money was secured from UNDP-GEF fund. It is a modern camp which besides tent spaces has several caravan spaces with accompanying infrastructure. Through this project we also secured several tents, sleeping bags, mats aimed for running school-in-nature programme.
- Erasmus+ project „Partnership for geo-education“ is successfully finished. Goal of this project was establishing educational material for field-trip geo-education and make it accessible for project's interest groups by translating it into local languages. Developing geo-educational programs for adults increase the knowledge and awareness of inhabitants and help them recognize other values of their region - promote the natural heritage (geology).
- We have finished some educational materials which are very important in our every-day use. Among the others we would like to emphasize kind of children workshop book –“Papuk 4kids” aimed to 2nd to 6th grade pupils. This book encompasses all aspects of Papuk nature and history (geodiversity, biodiversity, cultural heritage), what is nature protection and why it is important to preserve biological, cultural and geological heritage.

Contribution towards the work of the EGN

- Participation in the EGN meetings in Basque Coast Geopark and English Riviera Geopark (EGN meeting + conference)

- Participations in the volcanic and fossil working groups of the EGN. Preparing materials for book “Volcanic Geoparks in Europe”
- 8 European Geoparks had a meeting in Bačunski Balaton Geopark (Hungary) considering common project Danube GeoTour. On that occasion we had last clarifications and agreements before we finished application.
- We were hosted two days study trip from Nograd Novohrad Geopark.

Management structure and financial status

- No changes in the management structure of the Geopark. The funding is secured by the Croatian Government.

Conservation (geoconservation) strategy

- In order to foster people to use electric cars and in that way makes less air pollution in the geopark area we established three public charging points for electric cars. Installed charging stations allow the owners of electric vehicles to more readily plan travel and long trips.
- We conducted regularly clearance of few geosites in the central part of the Geopark.

Strategic partnership

- Through approved project Danube GeoTour (Interreg Danube Transnational Cooperation Programme) Papuk Geopark intensified cooperation with all participated geoparks from Slovenia, Austria, Hungary, Czech Republic and Romania. Also Danube GeoTour should strengthen cooperation between geoparks regions, create common strategy for sustainable management of tourism pressures and create common innovative geoproducts.
- We started cooperation with aspiring geopark Vis Archipelago, Croatia. They started to prepare application for joining geopark family. Delegation from Vis visited Papuk Geopark and in two days finds out most important information about geopark.

Marketing and promotional activities

- On the main entrances into the geopark we installed new UNESCO Global Geopark logo. There are six “welcome” walls and we put logos on each of them.
- After several years we developed new set of souvenirs and improved offer in the souvenir shop at the Eco-point Jankovac.

Sustainable economic development

- Participation on Viroexpo 20th International fair of business, crafts and agriculture. One of the bigger fair in the region saw over 20.000 visitors.
- In cooperation with Čačinci municipality we organized Medieval fair at Park forest Jankovac. Many local producers had a chance to offer homemade products to numerous visitors

Contacts:

Manager: Goran Radonic kontakt@pp-papuk.hr
 Geologist: Goran Pavic goran_pavic@yahoo.com

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: **Pollino UNESCO Global Geopark, Italy, EGN**

Year of inscription: 2015

Representative Photo (from the most important event this year)



8th Italian Workshop of Unesco Global Geoparks

2. GEOPARK FIGURES

Number of Geopark staffs: **10 staffs including 1 geoscientist**

Number of Visitors: 30.000 (Pollino Ecomuseum, Geosites)

Number of Geopark events: **11**

Number school classes realize Geopark educational programmes:50

Number of Geopark press release 57

3. GEOPARK ACTIVITIES **(bulletize)**

Major achievements in 2016

- May 2016: first meeting of the Scientific Commission of Pollino Global Geopark (Professors of Universities of Calabria, of Basilicata and of Florence), discussion of the recommendations issued by Unesco and arrangement of the related actions;
- June 2016: guided tours at the Romito Cave geosite by the University of Florence working team;
- 4th to 6th July 2016: organization of the 8th Italian Workshop of Unesco Global Geoparks "*Protection, enhancement and management of geo-diversity*" and guided

tours and field trips in the most important geosites of the geopark in collaboration with the Universities of Calabria, of Basilicata and of Florence.

- July 2016: start of the project “Operazione Trabucco”, study of a karst sinkhole, in partnership with several associations of speleologists and several Italian universities and research institutes;

Contribution towards GGN - Networking and Participation

- March 2016: Participation in the 37th European Geoparks Network Coordination Committee Meeting in Basque Coast, Spain.
- September 2016: Participation in the 7th International Conference on UNESCO Global Geoparks, English Riviera.
- Contribution to EGN Magazine Issue 14 „*CIVITA, a model of sustainable tourism from a little village of Pollino Unesco Global Geopark*“.

Management and Financial status

- The Geopark continues to be administrated by the Ente Parco Nazionale del Pollino (Pollino National Park Authority) with an overall budget of approximately € 5,000,000. To the year 2016 we were allocated € 22,000 to the Geopark Office for its specific activities.

Geoconservation

- September 2016: installation of information panels in the geosite “Valley of Argentino River” in collaboration with the municipality of Orsomarso;
- October 2016: approval of the rules for the regulation of climbing and mountaineering activities in the rock faces in the area of the Pollino Geopark;

Sustainable tourism (Geotourism)

- 5th to 7th August 2016: “Pollino Music Festival” in the municipality of San Severino Lucano, music concerts, guided tours, outdoor and sports activities, workshops for children and teens;
- 20th to 22th August 2016: “Radicazioni” in the municipality of Alessandria del Carretto, buskers, cultural meetings, theater, music, educational workshops;
- 25th-26th June 2016: “16th Pollino Marathon” in the municipality of Terranova di Pollino, MTB national race;
- 12th to 14th August 2016: “Bianco e Rossa Dop 2016” in the municipality of Rotonda, the feast of the White Bean PDO and the Red Aubergine PDO of Rotonda;
- August 2016: “La regata del Pollino” in the municipality of Laino Borgo, rafting

race between the towns of Lao Valley;

- 5th to 15th August 2016: participation in the 28th edition of “Festambiente”, in the village of Rispecchia in the natural park of Maremma – Tuscany. During the event the Pollino Geopark organized several workshops for children and performed the disclosure of its geological values and the park activities.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- January 2016: training course for official guides of the geopark on geosites, sustainable tourism and Unesco Global Geoparks;
- June 2016: training course for geologists on the protection of Lao Valley during the work of construction of the motorway A3 SA-RC;
- March – September 2016: contributions to schools and local partner to carry out various environmental education courses.

Strategic Partnership

- Guided tours and outdoors lessons by the University of Calabria and University of Basilicata on the geosites of Timpa delle Murge and Timpa di Pietrasasso, from May to September 2016;
- August 2016: ArtePollino Award, organized by Association ArtePollino, which aims to promote a new cultural and territorial development through creativity of the students of the Italian academies

Promotional activities

- Creating a Facebook page on the Pollino Unesco Geopark;
- project “Parco Fruibile (Usable Park)”. This is carried out by social workers, who work for maintenance of the park's trails and facilities, monitoring of tourism, environmental education and behavioral norms.
- Printing and distribution to participants at the 8th Italian Workshop of Unesco Global Geoparks of the Italian version of the brochure “UNESCO Global Geoparks and of the promotional materials about Pollino Unesco Global Geopark, July 2016;

4. Contacts:

Geologist: Dr. Luigi Bloise luigi.bloise@parcopollino.gov.it

Engineer : Dr. Egidio Calabrese egidio.calabrese@parcopollino.gov.it

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: **PSILORITIS UNESCO Global Geopark, GREECE, EGN**

Year of inscription / Year of the last revalidation: **2004/2014**

Representative Photo (from the most important event this year)



2017 EGN week activities celebrated the 6000 human presence in geopark, with a great cultural event at Idaion Andro cave on the full moon of August.

2. GEOPARK FIGURES

Number of Geopark staffs: **3 staff/1 Geoscientist (geologist) Refer only to the management body**

Number of Visitors: **83.000 visitors only from the two show caves**

Number of Geopark events: **18 events by management body, 9 events by partners**

Number school classes realize Geopark educational programmes: **39 classrooms/ 1700 pupils/2 Uni field trips**

Number of Geopark press release: **>150**

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

Contribution towards GGN - Networking and Participation: Hosting delegations from Beigua UGG; twinning agreement with Qinling Zhongnanshan UGG of China; implementation with Beigua a common Civil Protection project; Coordination of Hellenic geoparks Forum

Management and Financial status: Steady budget, one new EU project (INTERREG MED) to promote Psiloritis

Geoconservation: Non significant change

Sustainable tourism (Geotourism): One new Geotrail, establishment of 30 new panels with UNESCO GG label

New Education programmes on geoconservation, sustainable development and disaster risk reduction: 8 environmental education project implemented in collaboration with partner AEEC, Hosting of Friburg students on geology to study Psiloritis geopark (30/3/2016)

Strategic Partnership: The new Archaeological Museum of Eleftherna

Promotional activities: The new "friends of Psiloritis" initiative with a an personal card to collect point during shopping and spend in local enterprises

4. Contacts:

Manager: Mr Dimitris Patakos, dimpatkos@gmail.com

Geologist: Dr Charalampos Fassoulas, fassoulas@nhmc.uoc.gr

Qinling Zhongnanshan UNESCO Global Geopark Report 2016

1. GEOPARK IDENTITY

Geopark name: Qinling Zhongnanshan UNESCO Global Geopark

Country: China

Regional Network: APGN UNESCO Global Geopark

Year of the last revalidation: 2013

Representative Photo:



2. GEOPARK FIGURES

Number of Geopark staffs: 982 staffs including 7 geoscientists

Number of Visitors: 4,010,000 person-time visitors in total

Number of Geopark events: 31. Based on the national first pilot cities of study-in-travel, the geopark has staged 24 study-in-travel activities such as “Red Scarf Summer Camp” which is held cooperatively by the Central Committee of the Communist Youth League, the China-Germany grand educational event, the Chinese character thinking “Two Han Dynasties and Three Kingdoms” and “care for the left-behind children in Zhongnanshan” etc., so as to build a best study-in-travel base for the youth. Held the publicity on the 47th Earth Day and the 26th National Land Day, event entitled “Celebrating Children’s Day and Thanksgiving to Qinling Mountains”. Carried out “Zhongnanshan” contest on the scientific knowledge of the earth with Chang’an University. Hosted a series of activities including “Enjoy Qinling and Energize in Zhongnanshan” climbing workout season and the 15th climbing challenge, the 2nd Yulan Tourism Cultural Week and the “travel everyday with pleasure-Chinese redbud festival”. Arranged the large-scale parent-child activity featured “Spring, here we are”.

Number school classes realize Geopark educational programmes: 18

Number of Geopark press release: 22

3. GEOPARK ACTIVITIES

Major achievements in 2016:

1. Upgraded geopark database system.
2. Succeeded in the application qualifying for the project of preservation and development under “the 13th Five-Year Plan” Qinling Zhongnanshan Global Geopark and incorporation into the central government-funded project stock of national geopark preservation and development project in “the 13th Five-Year Plan”.
3. Made the interpretation system with new UGG logo, upgraded the official websites, and the tourist publicity film of *Beautiful Qinling Mountains with Pleasure in Zhongnanshan* and children’s reading on geoscience popularization entitled *A Snail’s Finding Way Home* was published.
4. Completed the mission aiming to build a national forest city.
5. With the enhanced role of popularization of science, the geopark was awarded the title of “Geoscience Popularization Base of Land and Resources”.
6. Develop the geopark t products of 11 items under three categories.

Contribution towards GGN - Networking and Participation

1. Paid a visit and built the sistering relationship with Psiloritis UGG of Greece.
2. Attended the Annual Conference of Global Geopark of China 2016.
3. Carried out friendly exchanges with Molina and Alto Tajo UGG of Spain.

4. Carried out mutual visit and school cooperative project with sister-geopark Rokua UGG of Finland.
5. Participated in the 7th GGN Conference and presented two papers as poster.
6. Conducted exchanges and mutual visits and data sharing with such UGGs as Leiqiong, Zhijindong, Xingwen and Longhushan.
7. Contributed one news to the GGN Newsletter Vol. 1 2016.
8. Attended the forum on World Geopark Application and reevaluation 2016.

Management and Financial status

Qinling Zhongnanshan Global Geopark Management Office serves as the administration agency, which is set up by Xi'an Municipal Government. Additionally, entrusted by it, the Office manages Qinling Zhongnanshan Global Geopark Tourism Development Co., Ltd., and performs the united administration over the state-level and world-class sites under protection. The geopark saw a good finance in 2016 with tourism income up to RMB 139,601,100 Yuan, among which, the ticket contributed RMB 93,275,300 Yuan, and over RMB 70 billion Yuan was devoted to the construction related to the geopark.

Geoconservation

1. Completed the sampling and research on the Quaternary glaciation remaining in cooperation with the Chinese Academy of Geological Sciences.
2. Established the geohazard monitoring system; mounted 20 infrared cameras to monitor the activities of the wild animals, with the treatment and saving of a golden monkey—a species on the state first-level protection list and a Temminck's Tragopan—the second-level.
3. Applied for the funding of RMB 9.6 million Yuan from the program entitled “Central-budgeted Projects on Preservation and Development of National Cultural and Natural Heritage, with supporting funding of RMB 2.41 million, which are devoted to the constructions of facilities in terms of popularization, preservation and monitoring and informatization.

Sustainable tourism (Geotourism)

2016 saw 4.01 million visits in the geopark, which created a variety of jobs in catering, guest housing, recreation, transport and local specialty, which totally employed more than 3,500 labours for local community in a directly manner, with 12,000 people benefiting from the tourist services indirectly; Over RMB 30 million Yuan was invested in the restructuring of the surrounding farm stays, with reception up to 1.35 million visitors.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

It aimed to build a best study-in-travel base for the youth so as to develop a study-in-travel themed route suitable for students from primary and middle schools, which has been incorporated into the *Xi'an Study-In-Travel Routes* (edited by Xi'an Education Bureau) dedicated to the primary, junior and senior school students; staged a series of themed activities including “Qinling Zhongnanshan - a most beautiful geopark publicity week”, “dialogue between Qinling Mountains and the Yellow River”, and the event entitled “double-in”, study-in-travel event of the Chinese character thinking “Two Han Dynasties and Three Kingdoms”. Carried out “China-Germany grand educational event” and “Red Scarf Summer Camp” as well as “Zhongnanshan” contest on the scientific knowledge of the earth.

Strategic Partnership

It carried out cooperation with nine schools and research institutes in total and worked together with them to build teaching practice bases; developed the activities of study-in-travel series in cooperation with Xi'an Education Bureau, and introduced the study-in-travel to the tourist market in cooperation with five qualified travel agencies; conducted the online geo-promotion with nine internet media; developed tourist products and launched the magazine *Enjoy in Xi'an* in cooperation with Xi'an Tourism Group; performed the extensive cooperation with the local businesses in terms of hotel operation, tourist transport, vehicle repair, design and printing as well as online development.

Promotional activities

The geopark continued to sustain the activities of people fitness series by launching “unlimited mountain-climbing card”. It made use of a variety of new information platforms such as website, Microblog, Wechat and online customization, and step up efforts to the cooperation and alliance with such famous media as “Geography-China” - a CCTV program, Chinese-tour, Xtour, Xi'an-tourism, 269.net, Tencent (Xi'an) and Xi'an qq.com; showed the charm of Qinling Mountains by participating in the Silk Road International Tourism Expo 2016.

4. CONTACTS:

Manager: Yang Jianping (qlznsdzgy@163.com)

Geologist: Zhang Guowei (gwzhang@nwu.edu.cn), Guo Wei (guowei@chd.edu.cn)

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Reykjanes UNESCO Global Geopark (Iceland, European Geoparks Network)

Year of inscription / Year of the last revalidation: 2015



2. GEOPARK FIGURES

Number of Geopark staffs: 4 staffs including 0,5 geoscientist(s)

Number of Visitors: It's estimated that 300.000 guests visited Garðskagi Lighthouse last year and 200.000 guests visited Reykjanes (Reykjanes Lighthouse, Bridge between Continents and Gunnhver geothermal area). Around 60.000 guests visited the Geopark Visitor Center in Reykjanesbær.

Number of Geopark events: Winter Conference, Museum Weekend, EGN Week and a Meeting about Destination Management Plan for Reykjanes Peninsula.

Number school classes realize Geopark educational programmes: 4

Number of Geopark press release: 25

3. GEOPARK ACTIVITIES

Major achievements in 2016

- First yearly Reykjanes Geopark / Visit Reykjanes winter conference.
- Reykjanes Geopark outdoor activity and hiking map published.

- Working with Iceland Tourism Task Force to prioritizing of infrastructure building at Reykjanes Peninsula, e.g. at geosites.

Contribution towards GGN - Networking and Participation

- An article in EGN – Common Activities Newsletter No6 – 2016.
- Participation in the 37th and 38th European Geoparks Network Coordination Committee meeting in Basque Coast Geopark and English Riviera Geopark.
- Participation in the 7th International Conference on UNESCO Global Geoparks in English Riviera Geopark.
- Article in the 6th EGN newsletter about new illustrated hiking map published by Reykjanes Geopark.

Management and Financial status

- Improvement of the partner network and increase of Geopark budget.

Sustainable tourism (Geotourism)

- Making contracts and rules for the cooperation and usage of Reykjanes Geopark logo.
- Ongoing use of the GEOfood logo for local food in restaurants.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- Map of the whole territory explaining all geosites.
- Local plan/development plan accepted for the Southwestern tip of the Reykjanes Peninsula and for the naturally carved pool Brimketill.

Strategic Partnership

- Collaboration with Promote Iceland, Iceland Tourist Board, Iceland Tourism Task Force, the Environment Agency of Iceland and the Cultural Heritage Agency of Iceland.
- Participation in a meeting in the GEOfood project, the GEOadventure conference in Ralsko Aspiring Geopark, Czech Republic and Drifting Apart project.
- Participation in NCGE conference in Tampa and AGU conference in San Francisco.

Promotional activities

- New welcoming signs with the new UNESCO Global Geoparks logo.
- Printing and distribution of Reykjanes Geopark flags, information brochure and

maps.

- Articles in magazines and newspapers.
- Familiarisations and media tours in cooperation with Visit Reykjanes and Promote Iceland.
- Participation in 7 international tourism fairs and workshops in cooperation with Visit Reykjanes

4. Contacts:

Manager: Eggert Sólberg Jónsson, eggert@heklan.is

Geologist: Sverrir Guðmundsson, svrriugu@keilir.net

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Rokua UNESCO Global Geopark, Finland, European Geoparks Network

Year of inscription 2010 / Year of the last revalidation 2014



Rokua Geopark delegation visiting the Qinling Zhongnanshan Geopark in China

2. GEOPARK FIGURES

Number of Geopark staffs: 4 staff including 2 geoscientists

Number of Visitors: Approximately 200 000 annual visitors to the Geopark region

Number of Geopark events: Numerous events during the year 2016, including speeches, educational events, guided hikes etc.

Number school classes realize Geopark educational programmes: Rokua Geopark has recognized 6 local schools as Geopark schools. These schools are actively using the Geoparks themes and locations in their education.

Number of Geopark press release: During the year 2016 the Geopark was in the press more than 20 times.

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

Contribution towards GGN - Networking and Participation

- Rokua Geopark has participated actively into the meetings of the EGN and GGN. Two participants participated to the EGN meeting in Basque Coast Geopark and to the EGN and GGN meetings in English Riviera Geopark.
- Jari Nenonen and Vesa Krökki belong to the UNESCO roster of Geopark evaluators. Both made a Geopark evaluation mission in 2016.

Management and Financial status

- The management of Rokua Geopark is based on the agreement between the founding partners and to the financial agreement that is evaluated every four years. The current financial agreement securing the Geoparks finances is for years 2015-2018.

Geoconservation

- The renovations of the Lemmenpolku trail continued in 2016 with building more protective and guiding structures to the trail.

Sustainable tourism (Geotourism)

- Rokua Geopark and the businesses operating in its area are developing more touristic programs and products in the Attractive Oulu Region 2018 Project.

Strategic Partnership

- Rokua Geopark has signed five cooperation (or sistership) agreements with other Unesco Geoparks. Of these four are in China, and one in Germany.

Promotional activities

- Rokua Geopark participates to Attractive Oulu Region 2018 ERDF –project. The aim of the project is to attract more international visitors to Oulu region and to the Geopark. The tasks of the project involve marketing and sales activities as well as product development.
- Rokua Geopark operates a project called: Kyläpaikat Kartalle. The aim of the project is to include the localities inside the Geopark better to the Geopark activities and to highlight the touristic possibilities inside the Geopark.

4. Contacts:

Manager: Mr. Vesa Krökki, vesa.krokki@humanpolis.fi

Geologist: Mr. Jari Nenonen, jari.nenonen@gtk.fi

San'in Kaigan UNESCO Global Geopark, Japan



Sacred Shindo dance and music
at Genbudo Cave



World Trade Market

1. GEOPARK IDENTITY

San'in Kaigan UNESCO Global Geopark (Japan, Asia Pacific Geoparks Network)

Year of inscription / Year of last revalidation: 2010/2014

2. GEOPARK FIGURES

Number of Geopark staffs: 14 staffs including 3 geologists

Number of visitors: 1,660,579 visitors to the 15 hub facilities such as major geosites, museum or visitor center

Number of Geoparks events: Hosted 21 events, sponsored 37 events

Number school classes realize Geopark educational programmes: 4

Number of Geopark press release: 28

3. GEOPARK ACTIVITIES

Major achievements in 2016

- Second year of the 120km walk rally in the San'in Kaigan
- Started Geopark guide's skill up assistance program

- Started Geopark Camp for senior high school students
- Held Geopark Business Forum for local business people on the Tourism
- Participated in WTM (World Trade Market)

Contribution towards GGN - Networking and Participation

- Participation of the seven representatives in the 7th GGN International Conferences in English Riviera Geopark (UK)
- Participation of the “Capacity development to stimulate networking activities between geoparks in the Asia-Pacific region” Project (2016)
- Welcomed and assisted Indonesian Professor’s field work in the San’in Kaigan

Management and Financial status

The operational budget for 2016 totals 73,200,000JPY

Geoconservation

- Started revising process of “San’in Kaigan Geopark Conservation Management Plan” in corroboration with Japanese Ministry of the Environment

Sustainable tourism (geotourism)

- Created four walk model course brochures

New Education programs on geoconservation, sustainable development and disaster risk reduction

- Organized school contest for elementary school children for their geological study (96 students participants)

Marketing and promotional activities

- Dissemination of the information to the website and facebook
- “Geopark Festival” gathered nearly 5,500 participants
- 450 applicants for “Geopark photo competition”

4. CONTACTS:

Director: Masakazu Furukawa / geopark@pref.hyogo.lg.jp

Geologist: Noritaka Matsubara / matsubara-n@stork.u-hyogo.ac.jp

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Sangqingshan UNESCO Global Geopark (China, Asia-Pacific Geoparks Network)

Year of inscription / Year of the last revalidation: 2012 / 2016

Representative Photo (from the most important event this year)



UNESCO Evaluators doing a field revalidation mission

2. GEOPARK FIGURES

Number of Geopark staffs: 300 staffs including 4 geologists

Number of Visitors: 1,473,600

Number of Geopark events: 18

Number school classes realize Geopark educational programmes: 20

Number of Geopark press release: 5

3. GEOPARK ACTIVITIES

Major achievements in 2016

We made great achievements in geoconservation, scientific education, cooperation and exchange, and environmental improvement.

Contribution towards GGN - Networking and Participation

The geopark attended the 7th Global Geoparks Conferences, 2016 Annual Conference of Global Geoparks, 2016 Global Geopark Symposium on Application and Revalidation, 1st International Training Course on UNESCO Global Geoparks in Beijing, 1st Shennongjia Global Geopark Symposium. We signed a partnership agreement between Longhushan Geopark and Sanqingshan Geopark. We invited Villuercas-Ibores-Jara UNESCO Global Geopark of Spain, our sister park to visit and celebrated the Earth Day together in April. We paid a visit to Villuercas-Ibores-Jara Geopark in September.

Management and Financial status

The Sanqingshan Geopark Administrative Committee is responsible for management, planning, conservation and construction of the geopark. The committee was equipped with competent employees. We organized the Sanqing Forum, Training Course on Preparing Geopark Revalidation and Training Course on Interpreting for the staff. The financial status is sound and stable.

Geoconservation

We repaired the broken guard rails in the geopark. The staff patrolled the geopark every day and used a realtime monitoring system for geosites.

Sustainable tourism (Geotourism)

All the interpretative panels were re-designed and re-stalled, which were easier to understand. The Shenxian Valley RV Camp, A parking lot at the Fenglin Transfer Center, 6 public toilets and then Sanqingshan Hilton Hotel were built. We started to build the Waishuangxi Visitor Center and Tianyuanmuge-Yulian Waterfall Scenic Area. Along with Wuyuan and Ancient Kiln of Jingdezhen, Sanqingshan Geopark designed a new route. Two books named “*A Journey to Sanqingshan UNESCO Global Geopark (For kids)*” and “*A Journey to Sanqingshan UNESCO Global Geopark (For teenagers)*” were published.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

We organized the Earth Day Event, distributed leaflets to the students from Sanqingshan Xikeng Central Primary School and set up boards there. Three scientific galleries were built in Jinsha Visitor Square, Xikeng Community and Yinjiang Community.

Strategic Partnership

Strategic agreements were signed between Sanqingshan Geopark and its partners, including Yushan County, China Kanghui Group Co., Ltd., Guangzhou Guangzhilv International Travel Agency and Joyu International Tourism Operation Group.

Promotional activities

The Geopark distributed leaflets in 5 languages and maps in Chinese and English to visitors. The Geopark website was upgraded and more information on geoheritage, scientific education and exchange were added.

Sanqingshan National Photography Competition, Sanqingshan Poem Reciting Event, Sanqingshan Bike-Racing Competition, Sanqingshan Future Broadcaster Competition, Sanqingshan National GO Competition, Sanqingshan; National Bridge Competition and the Discovery of Sanqingshan Activity took place. The Geopark attended various events including 10th HNT Tourism Expo in South Korea, Travelling in Jiangxi Province by Appreciating Ancient Poems and 2016 Jiangxi Tourism Expo.

4. Contacts:

Manager: Chen Yangqing sqsdzgy@163.com

Geologist: Yin Guosheng sqsdzgy@163.com

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional network: Shennongjia UNESCO Global Geopark (China, Asia-Pacific Geoparks Network)

Year of inscription: 2013



2. GEOPARK FIGURES

Number of Geopark staff members: 186 staff members including 6 geoscientists

Number of visitors: 2.0365 million person-time

Number of Geopark events: 11 events, including the 1st Forum of Shennongjia UGG, the Rhododendron Festival, the annual ceremony to worship Emperor Yan, the Dajiuhu Cycling Race, the 1st Hiking Challenge, as well as popular science summer camps organized by Chinese Alliance for Outdoors and Explorations, Chinese Mountaineering Association, etc.

Number of school classes realizing Geopark educational programmes: 15

Number of Geopark press release: 23

3. GEOPARK ACTIVITIES

Major achievements in 2016

In 2016, Shennongjia UGG successfully held the 1st Forum of Shennongjia UGG, built the Geoscience Information Database and the Geo-heritage Database, built and opened the Giant Panda House, improved the interpretation & sign system, and constructed 2 ticket selling & checking systems, 2 parking lots, 9 toilets and 20km of asphalt road.

Contribution towards GGN - networking and participation

In 2016 Shennongjia UGG visited and signed sister-park agreement with Haute Provence UGG, signed sister-park agreement with Villuercas-Ibores-Jara UGG, visited Ngorongoro Geopark and Fangshan UGG, participated in 2016 Annual Conference of Chinese UGGs in Zhijindong Cave

UGG, the 2nd Huangshan Dialogue on UNESCO Designated Places and Sustainable Development, the 7th International Conference on UNESCO Global Geoparks and the Geofair, the 2nd International Training Course on UNESCO Global Geoparks, 2016 Symposium on UGG Application and Revalidation in Danxiashan UGG, and invited managers of 7 UGGs including Haute Provence and Ningde to visit Shennongjia and share experience.

Management and financial status

In November 2016, the Administration of Shennongjia National Park was established, integrating the functions of the former Administration Bureau of Shennongjia UGG, Administration of Dajihu Wetland Park and Administration Bureau of Shennongjia National Nature Reserve, and realizing uniform management of all national and international designated areas. The Geopark is in good financial status, in 2016 it received CNY 139 million of ticket proceeds and invested CNY 70 million on geopark management and construction.

Geoconservation

In 2016 Shennongjia UGG carried out 2,803 man-day of field patrol and 3,587 man-day of community education; started the Digital Geo- and Bio-Monitoring Project, built 9 base stations, installed over 300 infrared sensors and purchased 80 infrared cameras and 21 PDAs; improved the emergency plan for geo-heritage protection, ecology conservation and fire prevention, built 8 resource protection teams (180 members in total) and 19 forest fire control volunteer teams, and carried out 9 resource protection trainings and drills.

Sustainable tourism (Geotourism)

In 2016, Shennongjia UGG received a total of 2.0365 million tourists. The geotourism boosted the local economy by over 1.3 billion Yuan. 65% of the townships and 75% of the population of Shennongjia directly benefited from the geotourism; 400 rural home inns, 20 star-rated hotels and over 4,000 people directly work on tourism services, and 15,000 people are indirectly involved in and benefit from tourism businesses.

New education programmes on geoconservation, sustainable development and disaster risk reduction

Shennongjia UGG developed 2016 Annual Programme on Geoscience Education, conducted Volunteer Day, Earth Day and Little Volunteers popular science education activities, and carried out 2016 Popular Science Summer Camp with 10 lectures for over 370 school students.

Strategic partnership

Shennongjia UGG cooperated with Chinese Academy of Geological Sciences, All China Commission of Stratigraphy, Nanjing Center of China Geological Survey, etc. for geoscience research, 80 travel agencies for geotourism, 7 online media businesses for geopark promotion, and established partnership with local businesses including Grand land Kande Hotel, Guoyuan Hotel, Xueyuan Inn, Qingtianpao Agrotourism Villa, Hongqi Advertising and etc.

Promotional activities

In 2016 Shennongjia UGG invested 51.95 million on promotion and marketing, launched advertisement on CCTV, radios, major media, newspapers and magazines.

4. CONTACTS

Manager: Wang Wenhua, snjdzgy@163.com

Geologist: Li Xiaochi, 297553527@qq.com; Li Jiangfeng, jfli0524@163.com

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Shilin Global Geopark China APGN

Year of inscription / Year of the last revalidation: 2004 2016

Representative Photo (from the most important event this year)



2. GEOPARK FIGURES

Number of Geopark staffs: 218 staffs, 2 geologists

Number of Visitors: 4 million

Number of Geopark events: 8 (1st international photography competition, Ashima cultural inheritance and development seminar, the 2nd international Ashima culture festival, the 1st Shilin music carnival, publicity campaign of *Protection Regulations on Shilin Karst World Heritage Site of Shilin County Yunnan Province* on the whole county, Long Lake bicycle competition, Shilin geopark summer camp)

Number of school classes realize Geopark educational programmes: 4800

Number of Geopark press release: 110

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

1. hosted the 69th IUGS Executive Committee Meeting on Jan 18-23
2. *Protection Regulations on Shilin Karst World Heritage Site of Shilin County Yunnan Province* came into effect on March 26
3. the 3rd geopark revalidation on July 28- Aug 2
4. launched the 1st International Photography Competition
5. issued implementation suggestions on the whole Shilin county tourism

Contribution towards GGN - Networking and Participation

1. participated annual geopark meeting of China held in Guizhou in April
2. signed sister geoparks agreement with Huanshan on March 10
3. the 3rd geopark revalidation on July 28- Aug 2
4. participated the 7th International UNESCO Global Geopark Conference, set up geofairs and made presentation and boosted deeper communication with other geoparks

5. visit the Burren and Moher Cliffs Geopark in Ireland and made deep communication in geoconservation, community involvement and sustainable development
6. participated the 2nd International Global Geopark Training Courses in Nov

Management and Financial status

1. Shilin Global Geopark Administrative Bureau with 11 sub divisions was officially established by the government and is responsible for the day-to-day protection and management
2. Geopark had 4 million visitors, generating direct income of 700 million Yuan; the whole county had 6.5 million visitors , generating income of 4270 million yuan

Geoconservation

1. *Protection Regulations on Shilin Karst World Heritage Site of Shilin County Yunnan Province* came into effect
2. set up smart tourism platform to enhance marketing and management level
3. resources management division was established to strengthen geoheritage conservation

Sustainable tourism (Geotourism)

1. tourism revenue is 4270 million yuan, remarkable contribution to local financial revenue, great boost of regional economy, creating lots of job opportunities
2. accelerated the development of rural tourism, hotels and travel agencies
3. improved tourism facilities and services in Grand Waterfall tourism area to provide more comfortable and convenient services for visitors

New Education programmes on geoconservation, sustainable development and disaster risk reduction

1. carry out World Earth Day geoscience popularization activities, recitation contest, workshop and training courses
2. carry out summer camp activities among local schools
3. reception of students, teachers and academic experts doing scientific research work in the park
4. Shilin karst geological museum approved as Kunming municipal science base

Strategic Partnership

1. signed sister geopark agreement with Huangshan on March
2. signed tourism strategic cooperation with Libo of Guizhou province and Hongkong
3. continuous cooperation with Karst Research Center of Slovenia, Yunnan University, and Xishuangbanna Tropical Botanical research of Chinese Academy of Sciences; strategic cooperation with local travel agencies, hotels, transportation and local product providers

Promotional activities

annually allocate more than 20 million yuan on tourism promotional activities; carried out tourism promotional activities in many Chinese cities such as Shanghai, Hanzhou Nanning and other foreign counties such as Thailand, Cambodia and Bangladesh; participated China travel fair 2016, published travel album with theme of high-speed train age & enchanting Shilin

1.4. Contacts:

Manager: Mr. Zhou Linchun ynshilin@126.com

Geologist: Dr. Liang Yongning Dr. Li Yuhui

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Name: Parque Natural Sierra Norte de Sevilla - UNESCO Global Geopark

Country: Spain

Regional Network: European Geoparks Network

Year of the last revalidation: 2015

Representative Photo:



Visit of the IUCN XXII International Forum on Nature Conservation

2. GEOPARK FIGURES

Number of Geopark staffs: 17 technicians and administrative (including 1 geoscientist) and 26 Environment Rangers.

Number of Visitors: At visitor centers: 11.565. The Geopark is widely open and the geosites are free without access control.

Number of Geopark events: 134. The majority was organized by diverse organizations, coordinated by the Geopark's staff: cities councils, tourism enterprises, environmental groups and civic associations. The Geopark's staff only organized directly 14 events.

Number school classes realize Geopark educational programmes: 15

Number of Geopark press release: 6

Number of Geopark news in the media: 20

3. GEOPARK ACTIVITIES

Major achievements in 2016:

- Celebration of the Geological Day 2016 of Seville (May, 15th), sponsored by the Geological Society of Spain.
- Visit of the IUCN XXII International Forum on Nature Conservation at the Botanical Garden and Visitors Center El Robledo and the Natural Monument Cerro del Hierro.
- V European Geoparks Week on Sierra Norte de Sevilla Global Geopark, with a total of 65 events and activities carried out by 44 entities.
- I Course of Geotourism Guides of Sierra Norte de Sevilla Geopark. This course aims to train workers of tourism companies in the territory as well as future guides. Organized by Natures SCA in collaboration with Geopark team.

Networking and Participation: Secretary of the Spanish Geoparks Forum. Member of the EGN Fossils working group.

Geoconservation: Elaboration of the technical and normative reports for the declaration of a new Natural Monument: "Lower Cambrian jellyfish prints of Constantina".

Sustainable tourism (Geotourism): Installation of interpretive panels in several geosites. Edition of the "Guide of the Geosites of the Natural Park Sierra Norte de Sevilla - UNESCO Global Geopark".

Strategic Partnership: Creation of the "Geopark Working Group" of Sierra Norte de Sevilla integrated by regional administration, technicians, local authorities, social associations and tourism enterprises.

Promotional activities: Celebration of several Fairs in Seville city, in spring and autumn, of handicrafts and food products from the Geopark territory.

4. Contacts:

Manager: Antonino Sanz Matencio (antonino.sanz@juntadeandalucia.es)

Geologist: Alberto Gil Toja (agil3@tragsa.es)

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Sierras Subbéticas UNESCO Global Geopark (Spain, European Geoparks Network)
2006/2015



Celebrating the tenth anniversary of Sierras Subbéticas UNESCO Global Geopark

2. GEOPARK FIGURES

Number of Geopark staffs: 15 staffs including 2 geoscientists.

Number of Visitors: 42600 (average from 2010 to 2015)

Number of Geopark events: 75 Most of them in close collaboration with other cooperative organizations.

Number school classes realize Geopark educational programmes: 30 (average from 2010-2015)

Number of Geopark press release: 25

3. GEOPARK ACTIVITIES.

Major achievements in 2016: The most outstanding are: Joint organization of the 40th Anniversary of the Spanish Committee of the International Geoscience Programme-UNESCO in Sierras Subbéticas UGG. Opening of a new center for the Geopark: Jurassic Cabra. Organization of a training course on Geotourism. Highest participation achieved in the EGN Week edition 2016 (1483 people). Celebration of activities linked to the X Anniversary of Sierras Subbéticas UGG: the Subbética's Geopark Weekend and the X Anniversary of Sierras Subbéticas UGG Awards.

Contribution towards GGN - Networking and Participation. Participation in both EGN CC Meetings (Basque Coast UGG and English Riviera UGG), in the International Conference of UNESCO Global Geoparks with an oral presentation and in the Spanish Geoparks Forum meeting and open workshop (Molina-Alto Tajo UGG). Delivery of an article to the EGN magazine.

Management and Financial status: Appointment of a new director of the Geopark, Antonio García. Application for a new project: "Promotion of Geological resources in Sierras Subbéticas UGG", in the framework of the programming of European Funding of the Andalusian Government.

Geoconservation: A threat to one of our main geosites, la Cañada del Hornillo, has been addressed. Restoration works in the geosite Quarries of Los Lanchares have continued during 2016.

Sustainable tourism (Geotourism): Collaboration with local enterprises has consolidated during 2016, and a new local product has adhered to our regional ecolabel Marca Parque Natural de Andalucía.

New Education programmes on geoconservation, sustainable development and disaster risk reduction: The official educational programme of the Geopark, "Nature and You", has included new information on these matters

Strategic Partnership: The relationships with the main partners of Sierras Subbéticas UGG (the Subbética Local Action Group, the Subbética Community, the Subbética Tourism Endeavour Centre) have reinforced through the collaboration in the organization of common activities like the European Geoparks Week and the Subbética's Geopark Weekend.

Promotional activities: The organization of the Subbética's Geopark Weekend and the European Geoparks Week have resulted in an excellent promotion for Sierras Subbéticas UGG.

4. Contacts:

Manager: Antonio García Jiménez, antonio.garcia.ji@juntadeandalucia.es

Geologist: Alicia Serna Barquero, aserna@tragsa.es

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Sitia UNESCO Global Geopark, Greece – Crete (E.G.N.)

Year of inscription : 2015

2. GEOPARK FIGURES

Number of Geopark staffs: 3 staffs including 1 geoscientist

Number of Visitors: at Sitia UNESCO Geopark, the estimate of visitors who visited in 2016, amounts to 2500 - 3000. This results from the visitors of the Geopark Information Centre and the Natural history museum of Geopark

Number of Geopark events: at Sitia UNESCO Geopark ,carried 12 events of these four co-organized with local organizations, environmental associations and educators

Number school classes realize Geopark educational programmes: The Sitia UNESCO Geopark in cooperation with the Center for Environmental Education Lasithi and the local primary and secondary schools participated in seven educational programs Sitia Geopark

Number of Geopark press release: 17 publications in regional media and Social Media aimed at informing of citizens

3. GEOPARK ACTIVITIES

Major achievements in 2016 : As part of the events for the European Geoparks Week, the Sitia Geopark organized a series of events and activities have aimed at the promotion of the Geopark to residents and visitors in the region

1.1st Photography Contest Sitia Geopark ,2.Natural History Museum, Multicenter Zakros. Informative soiree: Geopark Sitia World Geopark by UNESCO, 3.Training seminar. "Geopark Sitia. Global Geopark of UNESCO: the parallel course of man and earth, as an engine for growth of environmental consciousness of world citizenship "

4. "The concert of the Earth" in the Geosite "source "of Zakros, 5. Book presentation for Geotourism 6. Geo - actions for everyone in the Sitia Geopark, 7.Feast of the earth: exchanging local seeds.

Also: organizes two-day thematic seminar on Sustainable Education: "Wetland of Crete. Protecting and promoting them to sustainable education " and organize the

educational workshop: "Caves of Sitia Geopark. Their utilization in sustainable education "

Contribution towards GGN - Networking and Participation: 1. Participation in 37th Coordination Committee Meeting Basque Coast UNESCO Global Geopark, 2. Participation in the 7th International Conference on UNESCO Global Geoparks 2016, 3. Attended by a representative of the Sitia Geopark in International Intensive Course on Geoparks "UNESCO Global Geoparks: An international programme for Geoconservation, Geoeducation and Sustainable Development". Lesvos June 2016

Management and Financial status: The Sitia Geopark is managed by the Social & Cultural Development Organization of Sitia Municipality (DOKAS) and the Management Committee. Revenue and expenditure of the Geopark was within the budget for 2016

Geoconservation 1. Cleaning and signage of new and old geo- routes with the voluntary support local Cultural Associations, 2. Recording and mapping of new geological points of interest and new geotrails inside the limits of the Geopark Sitia

Sustainable tourism (Geotourism) Forwarding with local agencies tourism plan for sustainable tourism, with the participation in exhibitions and promotion of the Geopark objective the promotion of Geotourism.



New Education programmes on geoconservation, sustainable development and disaster risk reduction 1.Organizing new educational programs in cooperation with the Center for Environmental Education for biodiversity and geology of the Geopark.

Strategic Partnership: the Sitia UNESCO Global Geopark is actively participates in all the actions and initiatives of the European and Global Geoparks Network, promoting the values and possibilities for development of local communities and geoconservation

Promotional activities: 1.Cooperation with tourist organizations for the promotion of Sitia's Geopark in international thematic tourism exhibitions. 2.Cooperation with local businesses in order to promote and financially support Sitia's Geopark

4. Contacts:

Manager: Evangelos Perakis, Coordinator (perakisv@sitia.gr)

Geologist: Spyros Staridas (staridasgeography@gmail.com)

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Sobrarbe-Pirineos UNESCO Global Geopark (European Geoparks Network)

Year of inscription / Year of the last revalidation: 2006/2013

Representative Photo (from the most important event this year):



X Anniversary of the Sobrarbe-Pirineos Geopark

2. GEOPARK FIGURES

Number of Geopark staffs: 11 people including 1 geoscientist

Number of Visitors: 96.529

Number of Geopark events: 55 events held by management body and 15 in cooperation with another organizations

Number school classes realize Geopark educational programmes: 72

Number of Geopark press release: 68

3. GEOPARK ACTIVITIES

Major achievements in 2016:

- Celebration of the 10th Anniversary of the Geopark
- Organization of a course on Geological Heritage of the International University Menéndez Pelayo

Contribution towards GGN - Networking and Participation:

- Participation in the two meetings of the Coordination Committee of the European Geoparks Network and in the General Assembly of the Global Geoparks Association
- Publication of articles in EGN Magazine nº14 and EGN Newsletters nº5 and 6
- Participation in the 2nd seminar of the Spanish Global Geoparks
- Presentation of several cooperation projects for European funding with other Geoparks and partners

Management and Financial status

- Maintenance of the same budget and management structure as in previous years

Geoconservation

- Measures taken to the conservation of fossils in geological sites of the Geopark

Sustainable tourism (Geotourism)

- Organization of guided geological tours during the autumn season (Geological Autumn).
- Activities to promote consumption of craft food products of the Geopark among tourists

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- Activities on the risk of snow and avalanches in mountain areas such as the Sobrarbe-Pirineos Geopark

Strategic Partnership

- Spanish Geological Survey

Promotional activities

- Participation in FITUR with the Ecotourism Club of Spain
- Organization of Fam Trip on the Geopark with tour operators specialized in nature and sustainable tourism

4. Contacts:

Manager: Ana Ruiz Conde gerencia@sobrarbe.com

Geologist: Anchel Belmonte Ribas anchelbr@unizar.es

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Songshan UNESCO Global Geopark (China, Asia-Pacific Geoparks Network)

Year of inscription / Year of the last revalidation: 2016



2. GEOPARK FIGURES

Number of Geopark staffs: 156 staffs including 6 geoscientist(s)

Number of Visitors: 12.06 million

Number of Geopark events: 8

The 47th World Earth Day Propaganda Week Activities held by Songshan Global Geopark ; Photography Exhibition of Songshan ; Children 's Day science park activities supported by Songshan Global Geopark; The 8th Songshan Mountaineering Festival hosted by Henan Traffic Radio; The Intangible Cultural Heritage exhibition of Songshan; Songshan Geological Science summer camp of Henan University; Science into campus activities held by Songshan Global Geopark; The 9th Songshan Mountaineering Festival hosted by Henan Traffic Radio.

Number school classes realize Geopark educational programmes: 60

Number of Geopark press release:11

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016: 1.Songshan passed the 3rd revalidation organized by the UGGpC with a green card. 2. Songshan has Invested 2 million yuan to improve the science interpretation system of the park. 3. Songshan has been identified as the Henan province cultural tourism demonstration Scenic spots, science tourism get sustainable development.

Contribution towards GGN - Networking and Participation: 1. Songshan participated in the 2016 Annual Conference held by CGN and the 7th International Conference on UNESCO Global Geoparks .2. Songshan paid the annual fee of 1000 Euro to the UGGpC .

3. With the help of the Ministry of Land and Resources, China University of Geosciences (Wuhan) .we hosted the 2016 National Geopark management and popular science explanation training class, from more than 30 geoparks and related units attended the training class.

Management and Financial status:

In 2004, Songshan Global Geopark has formed Songshan Global Geopark administration committee. As of now, this committee contains 156 administration officers, and has six departments: Affairs office , The Geological Relics Protection Branch, Financial Audit Branch, Geopark Promotion Branch, Geological Museum and Administration and Law enforcement agency.

In 2016, Songshan Global Geopark has achieved steady growth with financial income of 241.353 million yuan, expenditure of 193.6432 million yuan, the balance of 47.7106 million yuan.

Geoconservation

According to the "Songshan Global Geopark Geological Heritage Protection: Development and Utilization Detailed Planning (2016-2020).", we formulated the "2016 Songshan Global Geopark Geological Heritage Protection Plan" and signed the geological heritage liability statement. Staff of the geoparkj regularly carry out inspections to focus on protected areas We, also, publicized the supervisory phone number and enhanced the social supervision.

Sustainable tourism (Geotourism)

In 2004, the Geopark established seven popular tourist routes, began to develop geotourism. In 2016, 3.3 million tourists visited Songshan Global Geopark. The number of visitors increased by 10% over the previous year.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

We made " Songshan Global Geopark science class plan for High School of Dengfeng City " ten years ago, according to the plan, the junior high schools of Dengfeng City should arrange three geological science lectures each semester, each time the number of participants is not less than 400 pupils.

Strategic Partnership

Henan Polytechnic University, Henan Provincial Geological Survey Institute, Songshan Mineral Water Company , Little Boy Agricultural Products Company, Ying River Grape Manor

Promotional activities

The 11th Zhengzhou International Shaolin Martial arts Festival, Songshan Autumn Leaves Festival "Central Plains color run" Songshan station activities, The 18th International Mining Conference Geo park Exhibition

4. Contacts:

Manager: Yi Qunli E-mail: songshangeopark@163.com

Geologist: Cheng Shengli E-mail: 1653453005@qq.com

GGN - Geopark Annual Report 2016

GGN Geopark Annual Report should be two pages

1. GEOPARK IDENTITY

Stonehammer UNESCO Global Geopark, Canada, Canada/North America

Year of inscription / Year of the last revalidation: 2010, 2014

Representative Photo (from the most important event this year)



Kids Advisory Board introduced in 2016, reviewing Children's Energy Book to be given to all grade 4 students in New Brunswick in 2017.

2. GEOPARK FIGURES

Number of Geopark staffs: 2 staffs plus access to 2 geoscientist(s)

Number of Visitors: 1.7 million to the geopark region.

Number of Geopark events: 30+ community events, 16 summer camps

Number school classes realize Geopark educational programmes: 26 school visits, 800 students

Number of Geopark press release: 2

POINT OF NOTE: Question regarding digital strategy engagement should be added, sometimes more important than press releases in today's environment

3. GEOPARK ACTIVITIES (bulletize)

- Created educational assets according to need, including an earth sciences curriculum course for provincial educators
- taught 811 students in 26 school visits and reached 800 kids in summer camp programming

- Trained 40+ teachers through capacity-building workshops and materials
- Reached 10,000+ annually in the community through events and programming
- Added two local tourism partnerships, developed themed experiences and trained their staff
- Provided training to all tourism stakeholders and mystery shopped one of the new providers
- Developed new tourism brochure featuring experiences from tourism providers
- Launched online booking system
- Filmed 11 days in the geopark to build video assets
- Helped tourism operators (currently 13 experience providers) grow offerings and increase revenues, spurring job creation
- Attended Atlantic Canada Showcase, a B2B travel trade event with 60+ tour operators from North America were in attendance
- Partnered with other countries and geoparks to develop shared systems, infrastructure, materials and approaches
- Provide mentorship to 10 aspiring geoparks across Canada
- Occupy seats on the Canadian National Committee for Geoparks & Global Geopark Network Executive Board
- Working with University of New Brunswick Saint John on research project to determine socioeconomic indicators for geoparks
- 2016-2017 operational budget of 171,590 CDN
- Welcomed two new members to board of directors (succession planning in place)
- Hired summer student to assist with educational program delivery and development through funding grant from federal government

4. Contacts:

Manager: Gail Bremner, gail@stoneahmmergeopark.com

Geologist: Dr. Randall Miller, Miller.Fossil@nbm-mnb.ca

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Swabian Alb UNESCO Global Geopark (Germany)

2002 / 2013



Handing over the UNESCO-Certificate from German UNESCO-Committee to the Geopark Swabian Alb

2. GEOPARK FIGURES

Number of Geopark staffs: 3 staffs including 1 geoscientist

Number of Visitors: 1.2 Mio. (Jan. – Jul. 2016)

Number of Geopark events: management body (51) and cooperative organization (about 500)

Number school classes realize Geopark educational programmes: about 50

Number of Geopark press release: 13 (management body)

3. GEOPARK ACTIVITIES

Major achievements in 2016

- Handing over the UNESCO-Certificate from German UNESCO-Committee to the Geopark Swabian Alb
- Inauguration of the new Geopark Info centers Museum Ehingen, historical mine

shaft "Tiefer Stollen", Aalen and Kolbingen cave (visitor cave)

- Seventh Geopark Festival in the historical mine shaft "Tiefer Stollen", Aalen
- Celebration the European Geopark Week
- Celebration the "Day of the Geotop" by public cleaning the "snail slab" in Offerdingen municipality
- Gaining 3 new Geopark members: 2 municipalities and an education foundation
- Removal of the Geopark headquarter to a new location in Münsingen

Contribution towards GGN - Networking and Participation

- Participation in the EGN meetings in Geopark Basque Coast, Spain, and in Geopark English Riviera
- Participation at the International EGN-Conference in Geopark English Riviera
- Webmaster of the German Geopark Fora is an employee of the Geopark

Management and Financial status

- Implementation of a Geopark steering group in the county Reutlingen

Geoconservation

- Mapping of geotopes in several counties (up to now 420 geotopes are mapped)

Sustainable tourism (Geotourism)

- Reprint of the brochure "Adventure Geopark"
- Designation of 17 geotopes as Geopoints

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- Starting the project "Geopark-Schools" with 5 UNESCO Project-Schools and 2 other schools
- Planning the implementation of a permanent Learning Workshop "explorhinoGEO" at Aalen university in cooperation with an education foundation

Strategic Partnership

- Discussion the implementation of an education partnership with a big water supply

corporation

Promotional activities

- Participation on tourism fair CMT – Caravan Motor Tourism – Stuttgart 2016
- Release the reprint of the brochure “Info centers”, containing all 26 Geopark Info centers
- Release of a new edition of the brochure “Adventure Geopark”
- Handing over copies of the UNESCO Geopark certificate to our members and Info centers
- Several discussions with members of parliament about implementation the Geopark into a ministry administration of the federal state Baden-Württemberg

4. Contacts:

Manager: Siegfried Roth roth@geopark-alb.de

Geologist: Dana Pietsch pietsch@geopark-alb.de

GGN-2016 Annual Report of Taining UNESCO Global Geopark

1. Identity of the Geopark

Name, Country, and Regional Network Location of the Geopark belongs:

The year of latest revalidation: 2014

Representative photos of the Geopark



2. Statistic numbers related to the Geopark

Number of employees: a total of 918 employees, including four geologists

Number of tourists visited: the Geopark received 2.26 million visitors with a total tourism income of 3.2 billion Yuan.

Number of activities organized: a total of 11 thematic activities have been held by the Geopark:

Number of classes involved in the Geopark educational programs:

1. The Geopark has signed agreements on college students' educational program plan with Fujian Normal University, Sanming University and other colleges and universities.

2 organizations in Fuzhou, Quanzhou and other places of primary and secondary school students to carry out the activities of the popular science summer camp more than and 200. 3. Carried out two Geoheritage Knowledge Training Classes tour for tour guides in spring and autumn respectively.

The number of news articles published by the Geopark:

published 160 news about the Geopark in "China Tourism News", "Fujian Daily", "Sanming Daily", and the official website of Fujian Provincial Tourism Bureau; "heritage and protection research magazine" published the article of "geological relics protection and Chinese geoparks sustainable competitiveness", submitted to the Global Geopark website 10 article 4 published information.

3. Geopark activities

Main achievements in 2016:

1. "Taining UNESCO Global Geopark Forest Fire Emergency Plan" and "Geohazard Prevention and Control Program of Taining UNESCO Global Geopark" were worked out.

2. Successful organized the Golden Lake World-Chinese Mountain Marathon.

3. Completed the scientific research projects of "Taining UNESCO Global Geopark

Geoheritage Protection Research and Geothermal Resource Evaluation", "1:25 000 Scale Multi-objective Ecological Geochemical Survey and Evaluation", and "Evolution and Tectonic Setting of the Late Cretaceous Red Beds in Fujian Province".

4. Cooperatively built the Sketching and Creation Base with Fujian Normal University, Xiamen University and other institutions.

5. Issued policies on supporting the participation of local communities in tourism, and Changxin, Chong Village to develop accommodation, catering and other tourism industries.

Contributions towards the work of the GGN — activities and participation: to attend the seventh session of the UNESCO Global Geopark Conference (UK); participation in the Second International Training Class on Global Geoparks Issues (Beijing).

Management structure and financial Status: the Administration Committee of Taining Global Geopark has been established by law, responsible for the Geopark issues planning, development, protection and utilization of the Geopark. The main source of income of the Geopark is from ticket sales and from financial subsidies of higher-level authorities. The Geopark implements a supervised two-line financial revenue and expenditure management, with a stable financial situation.

Geoheritage Conservation:

1. The Geopark has strictly implemented a hierarchical classification system for geoheritage conservation, which focuses on the core scenic area protection of the Geopark.

2. The Geopark protection and management network has been improved. And a three-level linkage mechanism has been established involving the participation of county, township and village, which interact in relation to each other.

3. A geoheritage database of the Geopark has been established. In addition, a new batch of global eye high-definition cameras has been set up to strengthen data monitoring.

Sustainable Tourism (Geotourism) development:

The Administration Committee of Taining Global Geopark has formulated relevant policies to introduce local community residents to participate in tourism, such as encouraging the establishment of regional-based sketching and creation education bases at towns and villages; assisting development of rural leisure development and tourism in the ten villages of Shuiji, Jixi, Congji, Changxing, Dayuan, Nanhui, and Yinshan in the Geopark; broadening employment opportunities, and providing service to establish characteristic tourism villages of the Geopark, featuring a development model of Geopark plus Culture, Geopark plus Gourmet Food , and Geopark plus Specialty.

A new education plan for the protection of geoheritage, sustainable development and hazard reduction:

1. To carry out two geoheritage knowledge training classes for tour guides in spring and autumn respectively.

2 To establish the Geohazard Prevention and Control Program of Taining UNESCO Global Geopark, and carry out emergency exercises and safety drills to enhance the hazard prevention and resilience capability of the Geopark.

Strategic partnership: in 2016, the Geopark established sister park relationship with Zhijindong Cave Global Geopark, Guizhou. Moreover, the Geopark actively contact with the Sobrarbe-Pirineos UNESCO Global Geopark, to discuss the future opportunity to cooperate and bond a sister park relationship.

Promotional activities: in 2016, the Administration Committee of Taining UNESCO Global Geopark successfully organized a series of themed activities known as Golden Lake World-Chinese Mountain Marathon, China International Folk Opera Invitational Contest, Cheongsam Fashion Show, Spending New year's Eve in delicate Taining County, Taining Naughty Festival, the Most Beautiful Woman Flowers, 100,000 People Going on Spring Outing in Travel Season, and "in search of a 23 °C summer".

4. Contact people:

Manager: Jiang Dongbin, tnjhgwh@126.com

Geologist: Chen Ningzhang, fjcenz@163.com

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Taishan UNESCO Global Geopark (China, APGN)

Year of inscription: 2006

Year of the last revalidation: 2014

Photos of representatives (from the most important event within this year)



2. GEOPARK FIGURES

The Number of Geopark staff: 2000 staff including 4 geoscientists

The Number of Visitors: 6 million

The Number of Geopark events: Sixteen

The Number of school classes realize Geopark educational programmes: Twenty

The Number of Geopark press release: Two

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016:

1. Redefined and redrew the boundaries of the Taishan Global Geopark.
2. Improved the databases of earth science and geological heritage.

3. Updated the identification system.

Contribution towards GGN - Networking and Participation

1. Taishan Geopark paid its GGN membership fees on time on yearly basis.
2. Participated in the annual geopark meeting of China in 2016.
3. Participated in the 2nd Huangshan Dialogue on UNESCO Sites and Sustainable development.
4. Participated in the 7th International Conference on UNESCO Global Geoparks.
5. Participate in the 2nd International Training Course on UNESCO Global Geoparks
6. Established twinning relationship with 3 other global geoparks.

Management: Taishan Global Geopark

Financial status: Financial condition is good, the ticket revenue is 450 million yuan in 2016, invested about 80 million yuan into the construction of Park management.

Geoconservation

1. In order to better prevent the geological disasters, an geological hazard investigation has been launched, and the security situation in geological hazardous area has been investigated .
2. The dangerous rocks within the geopark were being well-treated, the tour road has been under good maintenance and the cable-way facilities have been improved.
3. Infrastructure within the geopark, like the fire prevention were being upgraded and well-prevented.
4. Efforts in investigation, evaluation, management and protection of geological heritage have been made and special protection programs in accordance with the protection areas of different levels are being launched .

Sustainable tourism (Geotourism)

There are a total of 6 million tourists visiting Taishan in 2016, which means the geological tourism contribute 10 billion yuan to the local economy. 65 % of townships and 75 % of the population in this district benefit directly from the tourism. There are nearly 500 Agricola, 50 star hotels and more than 14 thousand people directly engaging into the tourism services. Besides, there are 100 thousand people working indirectly for the tourism and benefiting from it.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

To strengthen the protection of geological heritage, strictly implement the protection

measures of geological heritage; To strengthen exchanges and cooperation with the local community; To carry out scientific activities and lectures on the "Disaster Prevention Day" "International Museum Day" and "World Earth Day".

Strategic Partnership

To conduct geological research by cooperating with scientific research institutions, for example China University of Geosciences, Chinese Academy of Geological Sciences, Shandong University of Science and Technology, Taishan University and so on. To carry out geological tourism by cooperating with 100 travel agencies. To publicize and promote Taishan geopark through internet by cooperating with 10 Internet medias.

Promotional activities

To advertise by via radio station、 mainstream media、 newspaper and magazines.

1. To hold promotional activities in Tianwai village Square on "Chinese Tourism Day".
2. To hold promotion conferences by cooperating with China Travel Service Head Office in Ningxia province, in order to vigorously expand northwestern tourism market.
3. To launch wechat account of Smart Taishan, by which tourists can buy tickets. The wechat account also provides a variety of services like scenic spot broadcasting, voice guide, which allows tourists enjoy local customs and practices of Taishan in an all-inclusive manner.

4. Contacts:

Manager: Jian Niu tsdzgy@163.com

Geologist: Pengjv Lv

TERRA.vita Geopark (Germany)



New interactive nature trail “Zwickimbachtal”

Major achievements in 2016

- Presentation of a new information concept for the recreational area of the Alfsee (also Natura 2000 designation), including guidance for hikers. The press conference was held together with the mayor and the tourist manager.
- The new interactive nature trail Zwickimbachtal has been opened, highlighting a cooperation between a school class, a local hiking organisation and TERRA.vita.
- The annual project planning initiative in the county of Gütersloh (representing the TERRA.vita communities) identified a new mining heritage project.
- New TERRA.tipps have been printed for the area of Borgholzhausen and the Black Chalk quarry (German/English).
- A new TERRA.natura brochure has been printed for the Grasmoor area
- TERRA.vita participated with our new stand twice at Piesberg festivities and in Ibbenbüren.
- An English version of the TERRA.map has been printed.

Contribution towards the work of the EGN

- Participation at GGN presentation at ITB in Berlin
- Participation in the 38th European Geoparks Network Coordination Committee meeting at Basque Geopark Spain in April 2016.
- Presentation of the German Forum of UNESCO Global Geoparks during the week of the Environment in the garden of Schloss Bellveue in Berlin, the seat of the German President. TERRA.vita organised an 1 hour discussion.

Participants: Representatives of the Ministry of Foreign Affairs, the German UNESCO Commission, the German Environmental Foundation, Dr. Marie Luise Frey and our Forum, represented by Hartmut Escher.

- Revalidation mission to Vikos Aaos Geopark in Greece by Timo
- Submitting an article of a Project on Geothermal Energy for the EGN magazine
- Proposing a storytelling-format as a contribution for the EGN Fossil book

Management structure and financial status

- Stable situation and no major changes.

Strategic partnership

- Strengthening of Partnership between Global Geopark De Hondsrug in NL and TERRA.vita: Further meetings and development of a common communication plan for both parks.
- Presentation of TERRA.vita and UNESCO Global Geoparks in 5 ILEK groups (Integrated Rural Development Concepts, comparable to LEADER)

Marketing and promotional activities

- Continuous information of members of parliament and stakeholders on developments concerning the new UNESCO designation .
- Enlargement of the German/English series of leaflets on Geosites, erecting several new information panels in places of interest.

Sustainable economic development

- Broadened participation in regular meetings to promote regional products.

Contacts:

Manager:	Hartmut Escher	escherh@lkos.de
Geoscientist:	Timo Kluttig	kluttig@lkos.de

1. GEOPARK IDENTITY

Geopark name, country, regional Network:

Terras de Cavaleiros UNESCO Global Geopark

Portugal

European Geopark Network (EGN)

Year of inscription / Year of the last revalidation

2014

Representative Photo



2. GEOPARK FIGURES

Number of Geopark staffs: 7 staffs including 2 geoscientist(s)

Number of Visitors: 6378 Visitors who have carried out educational programs and tourist programs

Number of Geopark events: 82

Number school classes realize Geopark educational programs: 112

Number of Geopark press release – 5

3. GEOPARK ACTIVITIES

MAJOR ACHIVEMENTS IN 2016

- Participation in the Macedo de Cavaleiros Tourism and Hunting Fair and organization of tastings of products of the territory, “Come and taste in the Terras de Cavaleiros UNESCO Global Geopark”
- Realization and presentation of the documentary “*Murçós Mines – The stories of its people*”
- Involvement of about 5142 students in the educational programmes of the Terras de Cavaleiros UNESCO Global Geopark and other educational activities

CONTRIBUTION TOWARDS GGN - NETWORKING AND PARTICIPATION

- Participation in the 37th European Geoparks Coordination Committee Meeting at the Basque Coast Geopark, Spain
- Participation in the 7th International Conference on Global Geoparks - 27-30th Sept, English Riviera Global Geopark, UK
- Participation in the 38th European Geoparks Coordination Committee Meeting at the English Riviera Geopark, UK
- Celebration of the European Geopark week.
- Celebration of the “Week of Partners of the Mines and Sites of Geological Interest Roadmap in Portugal”
- Submission of an article for the magazine about European Geoparks – “*Murçós Mines – The stories of its people*” - and participation with a text for the 6th EGN newsletter
- Organization and promotion of the UNESCO contest “*GEA Mother Earth*” with the Portuguese Forum of Geoparks
- Participation in the conference “UNESCO Global Geoparks –Sciences Territories”, Lisbon.
- Lanzarote y Archipiélago Chinijo UNESCO Global Geopark – Translation of website content in Spanish

MANAGEMENT AND FINANCIAL STATUS

- Project application “Treasures and Knowledge of the Terras de Cavaleiros UNESCO Global Geopark”

- General Assembly of the Terras de Cavaleiros UNESCO Global Geopark Association, where activities and financial plan for 2016 were approved
- Project application “Geopark Terras de Cavaleiros – Internationalization of tourist promotion”
- Financing protocol with the municipality of Macedo de Cavaleiros.

GEOCONSERVATION

- Development of the management planning for eight geosites, including the definition of the geosites protection area and buffer area
- Monitoring of the geosites and regular conservation
- Awareness raising activities in five civil parishes of the Terras de Cavaleiros UNESCO Global Geopark

SUSTAINABLE TOURISM (GEOTOURISM)

- Lodgement of a section with local products for sale, such as handcraft products, olive oil, honey and liquors, in the Information Center of the Terras de Cavaleiros UNESCO Global Geopark
- Visits and promotion of artisanal food factories located in the Terras de Cavaleiros UNESCO Global Geopark territory, in the context of the tourism and educational programmes
- Presentation of a magazine for tourism with 7 touristic programmes

NEW EDUCATION PROGRAMMES ON GEOCONSERVATION, SUSTAINABLE DEVELOPMENT AND DISASTER RISK

REDUCTION

- Development of 17 educational programs, essentially in the field of geology and geoconservation

STRATEGIC PARTNERSHIP

- Establishment of partnerships with local tourism companies, like “My Best Hotel” and regional tourism companies like “GoSeeTry”
- Participation in the Blue Flag Programme and Eco-Schools programme promoted by the ABAE (European Blue Flag Association)
- Partner of the project “Partners of the Mines and Sites of Geological Interest Roadmap”, with 31 partners in Portugal
- Development of a documentary about the Murçós Mines geosite, in partnership with the University of Trás-os-Montes e Alto Douro and the University of Minho
- Participation in the national programme “Life Science in summer”, in partnership with the Centre of Life Science of Bragança, with 9 activities

PROMOTIONAL ACTIVITIES

- A painting exhibition on 8 of the 42 geosites of the territory painted by the local community
- Participation in the Lisbon Tourism Fair
- Participation in 7 fairs of the territory
- Publication of the Geopark’s monthly electronic newsletters
- Participation in the SIBTUR, S.Pedro do Sul, Portugal
- Participation in the Festival of the Iberian Mask, Lisbon

4. CONTACTS:

Manager: Sílvia Marcos gestao@geoparkterrasdecavaleiros.com

Geologist: Diamantino Pereira insuad@dct.uminho.pt

GGN - Geopark Annual Report 2016

I . GEOPARK IDENTITY

Geopark name, country, regional Network:

Tianzhushan UNESCO Global Geopark (People's Republic of China, APGN)

Year of inscription / Year of the last revalidation: 2011/2015



China Seminar on Metamorphic Rocks 2016 was co-organized by Tianzhushan Geopark. Participant experts were carrying out the field investigation in Tianzhushan Geopark.

II . GEOPARK FIGURES

Number of Geopark staffs: 221 staffs including 6 geoscientists

Number of Visitors: 920,000 person times

Number of Geopark events: 12

1. In April, National Seminar on Metamorphic Rocks was co-organized by Tianzhushan Geopark, The Chinese society of mineral rock geochemical professional committee of metamorphic rocks and University of Science and Technology of China.
2. In April, Tianzhushan Geopark held science popularization activities on Earth Day, cooperated with Tianzhushan Marketing Center and Ctrip Net.

3. In September, Tianzhushan geopark actively took part in the activities of National Science Popularization Day with the theme of “Innovation Makes the Dream Fly, and Technology Leads Life into the Future”, and held a series of activities, including science popularization lectures, science popularization sightseeing tour and signing activity of environmental protection volunteers.
4. Tianzhushan Tourism Culture Festival was held in October
5. 2016 RW Anhui Tianzhushan International Off-road Challenge was held in November.

Number school classes realize Geopark educational programs: 10

Number of Geopark press release: 18

III. GEOPARK ACTIVITIES

1. Major achievements in 2016

- 1) Outdoor explanation boards and guiding system have been improved, 540 signboards have been designed and installed.
- 2) Tianzhushan has been listed in National Key Protected Paleontological Fossil Sites.
- 3) 2016 National Seminar on Metamorphic Rocks was co-organized by Tianzhushan Geopark.
- 4) A sewage treatment plant with a maximum capacity of 400 tons per day and three large-scaled parking lots have been set up with newly increased parking area of 38,000 m², and 11 tourism public toilets have been upgraded.
- 5) Tianzhushan Biodiversity Protection Project has been implemented.
- 6) Smart Park Construction has been promoted.
- 7) Xuejiagang Cultural Relics Park and Erqiao Park have been completed, open to the public.

2. Contribution towards GGN - Networking and Participation

- 1) In January, Tianzhushan geopark participated in International Training Course of Management and Development on Geoparks held in China University of Geosciences (Beijing).
- 2) In March, Tianzhushan geopark attended 2016 Fossil Summit and Fossil Village Planning Seminar held in Xingyi City, Guizhou Province.
- 3) In April, Tianzhushan geopark attended in the 2016 Annual Meeting of Geoparks in

China held in Zhijindong Global Geopark.

- 4) In September, Tianzhushan geopark attended the 2nd Huangshan Dialogue on UNESCO Heritage Sites and Sustainable Development
- 5) In September, Tianzhushan geopark attended the 7th International Conference on UNESCO Global Geoparks held in Riviera UNESCO Global Geopark, England.
- 6) In November, Tianzhushan geopark attended the Construction and Management Seminar on Geoparks in Anhui Province held in Huangshan Geopark.
- 7) In December, Tianzhushan geopark attended the Application and Revalidation Seminar on Global Geoparks in China, held in Danxiashan Global Geopark.
- 8) In March and June, Hexigten Global Geopark and Huanggang Dabieshan National Geopark successively came to Tianzhushan to make investigations, and made deep exchange on the construction of geoparks, geoheritage protection, science popularization and scientific research, evaluation and revalidation experience, etc.
- 9) In May and June, Tianzhushan Geopark successively made sister geoparks with Longhushan Global Geopark and Huanggang Dabieshan National Geopark.
- 10) In June, Huang Wen carried out the evaluation mission in Iron Mountains Geopark, Czech Republic.

3. Management and Financial status

Management Structure: Tianzhushan National Geopark Administrative Committee

Financial Status: the financial status is in good situation with ticket income of 110 million yuan and over 40 million yuan invested on the geopark management and construction.

4. Geoconservation

- 1) 700 workdays in field patrols and 800 workdays in community promotion
- 2) 31 geoheritage maintainer volunteers were developed
- 3) Tianzhushan Global Geopark Paleocene Mammalian Fossil Site Protection Project was further promoted with a total investment of 17 million yuan.
- 4) Geoheritage, eco-protection and other resources protection contingency plans were amended, and forest fire-prevention and geo-disaster emergency drills were carried out three times.
- 5) 11 million yuan was invested to treat geo-disaster hidden dangers, and cleared away

5 geo-disaster potential spots.

5. Sustainable tourism (Geotourism)

In 2016, Tianzhushan geopark totally received 1.07 million person times, developed more than 350 agritainments, possessed 11,000 beds, more than 100 tourism shops, and achieved comprehensive geotourism income of 600 million yuan, which promoted the development of agriculture, forestry, service industry, handicraft producing and cultural industry.

6. New Education programs on geoconservation, sustainable development and disaster risk reduction

Tianzhushan geopark held science popularization activities during World Earth Day and National Science Popularization Week, held 2016 Youth Summer Camp on Scientific Investigation, and completed 18 geoscientific lectures with more than 700 students.

7. Strategic Partnership

Tianzhushan geopark made geoscientific research with Institute of Vertebrate Paleontology and Paleoanthropology (IVPP) of Chinese Academy of Sciences, Geological Survey Institute of Anhui Province, University of Science and Technology of China, Nanjing University, China University of Geosciences and other scientific research units, carried out geotourism with more than 50 travel agencies and made geopark networking promotion with 8 internet media, made advertisements of Tianzhushan Global Geopark on CCTV cooperated with Tourism Bureau of Anhui Province, and established long cooperation relationship with local enterprises including hotels, theaters, transportations, advertisements, farms, cultural performances, etc.

8. Promotional activities

Tianzhushan geopark invested more than 30 million yuan on the tourism promotion, released image advertisements on CCTV, Anhui TV, China Tourism Newspaper, Anhui Daily, Microblog, WeChat, and held Photography Contest, Climbing Contest, Tourism Service Skills Contest and Tourism Culture Festival to highlight the visibility and reputation of Tianzhushan Global Geopark.

IV. Contacts:

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Geologist: Wu Weiping 962745352@qq.com

Wang Yuanqing wangyuanqing@ivpp.ic.cn

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Toya Caldera and Usu Volcano UNESCO Global Geopark (Japan, Asia-Pacific Geoparks Network)

Year of inscription / Year of the last revalidation: 2009 / 2013



Volcano Meister qualification examination 2016

2. GEOPARK FIGURES

Number of Geopark staff: 5

Number of visitors: 7.6 million (April 2015 - March 2016)

Number of Geopark events: 41

Number of school classes realize Geopark educational programmes: 22

Number of Geopark press release: 30

3. GEOPARK ACTIVITIES

Major achievements in 2016

- Eighteen promotional booths with pamphlet holders, installed at local hotels, tourist information centres and bus/train stations, which showcase the attractions of the Geopark.
- "Let's Go to the Geopark!" exhibition, co-hosted with the Hokkaido Museum: Hokkaido-based Geoparks (Toya-Usu UGG, Mt. Apoi UGG and three JGN members) PR event, with more than 59,000 visitors.
- 1,843 downloads of the Geopark Outdoor Learning Textbook series from the Geopark's website.

Contribution towards GGN - networking and participation

- The 7th International UNESCO Conference on English Riviera UGG: Gave three oral presentations and one poster presentation, as well as one presentation on the Volcano Meister system and efforts to preserve disaster remains during the disaster risk reduction workshop.
- Membership for JGN's Capacity Development Project (JCaP): Engaged in three JCaP programmes; and invited representatives from UGG aspiring regions in Thailand, Malaysia and the Philippines to four meetings, sharing the expertise of JGN.
- Presentation on the Toya-Usu UGG and GGN activities to five groups from foreign/domestic UGG aspiring regions and three overseas trainee groups invited by the Japan International Cooperation Agency (JICA).

Management and financial status

- Council meetings to discuss the 2016 Action Plan.
- A meeting of municipal mayors to discuss a strategy for making a sustainable management body.

Geoconservation

- A scientific advisor meeting to discuss a new geo-site list, the geoconservation policy and the sustainable use of each site.
- Collaborative weeding of the former Toyako Kindergarten, Mt. Donkoro Observatory Outcrop and other geo-sites with residents, to share ideas on seamless geo-sites conservation.

Sustainable tourism (Geotourism)

- A meeting with residents/guide committees to design a guide training program.
- Geopark partner/Volcano Meister training programmes (five times).

New education programs on geoconservation, sustainable development and disaster risk reduction

- An educational committee meeting to discuss a support plan of Geopark educational programmes for local schools.
- Publication of Outdoor Learning Textbook, "Quiz Disaster Damage Prevention", which is available online and shareable between teachers and guides.
- Educational exchange programmes with Mt. Apoi UGG (three times).
- Three Volcano Meisters certified.

Promotional activities

- A geotourism/administrative committee meeting to make promotion plans.
- Individual or joint promotional campaigns (seven times altogether) with the Noboribetsu-Toya Broader Tourism Council, the Hokkaido Tourism Organization and other JGN members.
- Geopark resource promotion for disaster risk reduction to schools and travel agencies, with a package of outdoor learning textbooks and Volcano Meisters' guided tours.

4. Contacts:

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Geologist: Dr. Wataru Hirose hirose-wataru@hro.or.jp

TROODOS UNESCO GLOBAL GEOPARK (CYPRUS)



Walking the geo-trails 'Moutti tis Choras' and 'Teisia tis Madaris' in October 2016

Major achievements in 2016

- Organized a conference with title "Troodos Geopark: A monument of world geological heritage of Earth" which was held on 8 April, 2016 (Amiantos Village).

Contribution towards the work of the EGN and GGN

- Participation in the meetings of the EGN (Basque Coast UGG 16th - 19th March, 2016) and the GGN (English Riviera UGG 26th September, 2016) and the conference of the UGG (English Riviera UGG 27th – 30th September, 2016).
- Contribution to EGN magazine Issue 13 "*Troodos UNESCO Global Geopark: a very promising geotouristic destination*".
- Participation in the International Intensive Course on Geoparks, 20-30 June, 2016 (Lesvos).
- GSD and the Troodos Geopark co-organized with the IGCP-649 project leadership, the workshop with title "Probing the Oceanic Mantle: Troodos Ophiolite as a case study", which was held in Agros village (Cyprus), between 14th – 20th May, 2016.

Management structure and financial status

- The Geopark continues to be administrated and part funded under Troodos District Development Company with co-funding from the Geological Survey Department of Cyprus and funding of the Strategy (LEADER axis). <http://www.troodos-geo.org>
- Organized two meetings of the Troodos Geopark Coordinating Committee on 1st March and 30th November 2016, for the implementation of actions regarding the recommendations of the EGN and GGN networks.

- Singing a cooperation agreement between Troodos Development Company (TDC) and the Central Cooperative Bank of Cyprus for the purposes of operating 'Troodos Media', a new department of TDC, that in a large extent deals with the promotion and visibility of Troodos Geopark (November 2016).

Conservation (geoconservation) strategy

- During 2016, various guiding and informational signs for the geosites, the Geopark and the Visitor Centre within the area have been constructed and installed to increase the visibility of the Troodos UGG.

Strategic partnership

- The Troodos Unesco Global Geopark is participating at the meetings of the Greek Geoparks Forum.

Marketing and promotional activities

- Organized tours in the Troodos Geopark Visitors Center up to 1st March 2016 : Cyprus Tourism Organization Employees, American Academy, Journalists, Schools (from Cyprus and Abroad) and 21 various groups from Cyprus of about 30 people at a time.
- Presentation of the Troodos Geopark at LE FIGARO MAGAZINE (FRANCE) January 2016.
- Involvement of the Troodos Geopark with the Pancyprian Student Contest for Poster Design themed "Troodos Geopark", which is organized by the National Commission for UNESCO, February 2016.
- Lectures for Troodos Geopark to the Associated Schools Network of the National Commission for UNESCO, February – March 2016.
- Introduction of a new department in the Management Body :Troodos Media. The Department has the Responsibility of promoting the Geopark in Radio Stations, TV programs, the issue of the Newsletter, to print the Geopark's newspaper, to gather all the papers concerning the Elements of the Geopark (academic, culture, scientific, Geotourism, ecotourism etc).
- Updating the Strategy – Local Engagement to conduct the Geopark's Strategy – 12 workshops – thematic interests – Businesses, Community Councils, Students, Youth Clubs, Sport Clubs, Tourism Agents and others.
- Apply for the Funding of the Strategy (LEADER axis) for 4.5 milion – to be approved within April 2016.
- Meetings with the Businesses of the Geopark to further promote the Geopark's Agreement Pact.
- Presentation of the Geopark at 5 TV programs (1 Russian channel), and 3 Radio Stations.
- Presentation of the Geopark in Magazines and Newspapers 4 times (Cyprus Weekly, Phileleftheros).
- Presentation in Electronic Media (Online Newspapers) and Radio Spots.
- Preparation of 6 new funding schemes under INTERREG with 6 other Geoparks (to be submitted until 15th April 2016).
- Organized a thematic Workshop : Cooking with a famous Chef using Troodos' local products - Fusion Cuisine, in Symposio Tavern at Pelendri Village, with the support of the Geopark to promote local gastronomy with 15 participants and local chefs, January 2016.

- Participated in the fair “Journey” (Tourist Fair), April 2016, that took place in Lefkosia- Promotional material was distributed for the Troodos Geopark and the visitor centre.
- Placed paid advertising article in the German magazine “Wandermagazin” for the Troodos Geopark.
- A 40,000 copies brochure was printed and distributed the summer of 2016 throughout Cyprus for the uniqueness of Troodos region as a touristic destination, with special reference to the Geopark Visitors Centre.
- Online advertisement of the Troodos Geopark through the web page “My Cyprus Insider”.
- Implemented on 9th of May, 2016, a “Trooding Newsletter” in Greek with articles about: Unesco Global Geoparks, Unesco Global Troodos Geopark, Troodos Geopark Visitor Centre, the 39th National Conference of UNESCO Associated Schools on Troodos Geopark: "Geological, Natural and Cultural Heritage", that was held on 17-18th of March in Troodos area. Articles about the 37th meeting of European Geopark Network's Coordination committee and the visit of the President of Global Geoparks Network in Troodos Geopark on April, participating at the one day conference with title "Troodos Geopark: A monument of Geological, Natural and Cultural Heritage".
- Implemented on 27st of May, 2016, articles in the “Trooding Mountain Spirit”, 1st Issue newspaper in Greek, regarding the Troodos Geopark visitor center and an interview from Dr. Nikolas Zouros, President of the Global Geopark Network and member of the UNESCO Global Geoparks Bureau.
- Presented the Troodos Geopark on 28th of May, 2016, at the Troodos Development Company (TDC) General Assembly in the presence of the President of the Republic of Cyprus. During the General Assembly of TDC, the Strategy of the Company was presented for the next 15 years, based on the development and promotion of Troodos Global Geopark.
- Implemented during August, 2016, various articles in the “Trooding: Mountain Spirit”, 2nd Issue newspaper in Greek, regarding the Troodos Geological Heritage, the Traditional Architecture: The dialogue of man with geology, the Troodos Churches in the World Heritage List and geopark cycling race “Ascent Troodos Geopark: bike to the center of the earth” with geological description of the race.
- Implemented during 10th August, 2016 various articles in the “Trooding e-newspaper” in English, regarding the Troodos Geopark Visitor Centre, the Troodos Geological Heritage, the Traditional Architecture: the dialogue of man with geology, the Troodos Churches in the World Heritage List (<http://pub.lucidpress.com/3b0706eb-4a0e-4f4b-8701-8530155153f/?src=fb#Eh2IJtMi6srQ>)
- Implemented on 13th of August, 2016, the event “Artemis Geo-Trail by night”. The geo-Artemis trail is on the top of the Troodos mountain. It is a circular path, 7 kilometres in length. During the evening hiking the participants had the opportunity to enjoy the beauty of the forest from another angle using only Astral light. The hiking event started at 8pm and finished at 12am, while 260 people participated coming from all over Cyprus.
- Implemented on 13th of August 2016, a Musical Concert in Agros village as part of the integration of the Troodos region in the Global Geoparks Network of UNESCO.
- Organized on 4-5th of June, 2016, a Hiking event: Secret waterfalls and Kannoures geo-trail, in collaboration with “Cyprus from air”. 218 people

participated from all over Cyprus. The first day included walking towards secret waterfalls & camping and the second day walking to the Kannoures trail.

- Organized on 26th of June, 2016, a Cycling Race with title "Ascent Troodos Geopark: bike to the centre of the earth" in collaboration with the Cycling Association of Nicosia. 120 cyclists were participated in the Cycling Race starting from the Katydata village near Skouriotissas Mine, passing by Kalopanayiotis and Moutoullas villages and finishing at Kykkos Monastery.
- Organized on 23rd-24th of July, 2016, a two day experiential workshop: Mountaineering Orientation at Troodos Geopark in collaboration with Cyprus Federation of Mountaineering and Sport Climbing. The action in addition to the parallel training of the athletes in Orienteering was held to familiarize the participants with the mountainous nature of Troodos under the project "Child and mountain".
- Organized on 14th August, 2016, a creative workshop for children on making musical instruments using natural materials from Troodos Geopark. The workshop was attended by 30 people (children and parents). As a result, the children had the opportunity to learn about improvised musical instruments based on simple materials, discussing the traditional use of natural materials in Cyprus (e.g. reeds for making 'pithkiavli') and get to know some of the Troodos plants which were not familiar with, like 'Pifanis', part of which was used in the workshop. The children had the opportunity to make and take away at least a small simple instrument.
- Contributing in the organization of the cycling ascent 'Troodos Hill Climb' by the 'Biking Cyprus' organization, under the Cyprus Cup of Cyprus Cycling Federation (September 2016).
- Establishing events (once a month) such as:
 1. Night walk on the geo-trail 'Teisia tis Madaris' in September 2016, where almost 130 people participated, in collaboration with 'Cyprus from air' (NGO).
 2. Walking the geo-trails 'Moutti tis Choras' and 'Teisia tis Madaris' in October 2016 where almost 130 people participated, in collaboration with 'Cyprus from air' (NGO).
 3. Walking the Kannoures geo-trail in December 2016 where almost 90 people participated, in collaboration with 'Cyprus from air' (NGO).
- Updated Troodos Geopark social media pages.
- Published 3rd issue of Troodos newspaper, by Troodos Development Company, with a four page tribute to Troodos Geopark in Greek language (updated on the 7th International Conference on UNESCO Global Geoparks, articles about the Cypriot copper mines, UNESCO Monuments, local museums and Cypriot reptiles etc.) (October 2016).
- Organizing a small trekking event on Troodos Geopark Mountains in collaboration with Cyprus from air (NGO) and some journalists.
- Published 4th issue of Troodos newspaper by Troodos Development Company with a four page tribute to Troodos Geopark in Greek (UNESCO monuments, Cultural Heritage, local customs, article about the old Amiantos mine, article about the creation of Troodos mountain, article about Troodos Geopark bats etc.) (December 2016).
- Promotional printed material such as 'Troodos Geopark 2017 diary' (December 2016).

Sustainable economic development

- Co-ordination of the development of themed trails through the Geopark promoting Wine, Food, Activity, Crafts, Cultural Events and Accommodation.

Networking

- Participation in the Sitia Global Geopark Conference, 26-27th February 2016 (Crete, Greece).
- Participation in the event of the Hellenic National Commission of UNESCO of the Greek Ministry of Exterior for the new program of UNESCO, 9th March 2016.

Contacts:

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Geoscientist: Dr. Efthymios Tsiolakis etsiolakis@gsd.moa.gov.cy

GGN - Geopark Annual Report 2016

GGN Geopark Annual Report should be two pages

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Tumbler Ridge UNESCO Global Geopark, Canada, Canadian National Network

Year of inscription / Year of the last revalidation 2014/2014

Representative Photo (from the most important event this year)

Caption: "Geopark Executive Director Sarah Waters wearing the Google Trekker backpack as she hikes along Albright Ridge, as part of the Destination BC International Media Tour and Google Trekker project."



2. GEOPARK FIGURES

Number of Geopark staffs: 2 staff, with 1 geoscientific advisor

Number of Visitors: To visitor centre: 10,567. To museum:

Number of Geopark events: Clarify the events held by management body and cooperative organization

Number school classes realize Geopark educational programs: 9 directly plus 16 through the Dinosaur Discovery Gallery

Number of Geopark press release 2

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

- Two palaeontological advisors awarded their PhD's
- Google Trekker – digitizing 15 different Geosite trails, viewed on Google Earth or through the interactive website: <http://bcexplorer.com/journeys/tumbler-ridge>
- Partner with Destination BC for an international media tour of the Geopark
- Identified as one of the top three iconic destinations in Northern British Columbia

Contribution towards GGN - Networking and Participation

- Attended GGN conference
- Our director is part of the GGN Elections Committee, GGN Communications Committee, and participates in the Geohazard Reduction committee as a working group head for the Americas
- Board and Management visits to numerous Geoparks in England, Ireland, Norway, Spain
- Introductory projects with Hateg UGG, Sobrarbe UGG

Management and Financial status

- Reaching out to other UGG's for management experience: Stonehammer, North Pennines, Gea Norvegica and Sobrarbe UGGs.
- Working with our Regional District to create sustained long term funding
- Received 2 grants from the Province of BC for education program development, as well as continued general funding from the Province of BC

Geoconservation

- Organizational adoption of the Society for Vertebrate Palaeontology Best Practices with Continued dialogue with the Royal BC Museum on the Fossil Management Framework adoption provincially

Sustainable tourism (Geotourism)

- Google Trekker, Guided hike schedule

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- Grant received for the development of an education program including geoconservation and sustainable development, to be completed Dec 2017
- Work with local school district on year-long Geopark course in high school

Strategic Partnership

- Work with Stonehammer UGG for management, development of Canadian and North American Network, and youth education project on renewable energy

Promotional activities

- Many local single day events; part of 10 year Destination Development plan for all of Northern BC, featuring Geopark; international media tours.

4. Contacts:

Manager: Sarah Waters, sarah.waters@tumblrridgegeopark.ca

Geologist: Kevin Sharman, ksharman@telus.net

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network:

TUSCAN MINING GEOPARK, ITALY, EUROPEAN GEOPARKS NETWORK

Year of inscription / Year of the last revalidation

2010/2014

Representative Photo (from the most important event this year)



Festival "The Place of Time". Walks, guided tours, storytelling, music, theater, book presentations in the sites and geosites of the Tuscan Mining Geopark (Ravi Marchi Mine)

2. GEOPARK FIGURES

Number of Geopark staffs: 6

Number of Visitors: 85.000

Number of Geopark events: 35

Number school classes realize Geopark educational programmes: 156

Number of Geopark press release 53

3. GEOPARK ACTIVITIES

Major achievements in 2016

Project "Gateways of the Park" - Regular, guided museum tours were organized at all the seven Park Gateways: Follonica, Scarlino, Gavorrano, Massa Marittima, Monterotondo marittimo, Montieri, Roccastrada.

- 24th of February - First meeting of the Committee of the Italian Network of Mining Parks and Mining Museums at the headquarters of the Ministry of Economic Development;

- 2nd – 4th of June. EGN Week. Festival "The Place of Time". Walks, guided tours, storytelling, music, theater, book presentations in the sites and geosites of the Tuscan Mining Geopark with tasting of typical products of the park. About 900 participants.

- 14th of June Torino. Presentation to Congress of the GIT (Geological Information Technology - Group of the Italian Geological Society) of the candidacy of the Tuscan Mining Geopark to host the Congress of 2017

- 5th of July e 15th of September Focus Groups of FREE WAT. The European Commission has funded the project EU HORIZON 2020 FREEWAT (FREE and open source tools for water resource management - <http://www.freewat.eu>)

Contribution towards GGN - Networking and Participation

Management and Financial status

The Park has an independent budget. The Park financial sources are mainly from Ministry of Environment. Annual Budget is approved by the Management Committee. The Gateways to the Park are managed by municipalities and they are funded 70% by the Park and to 30% by the municipalities themselves.

Geoconservation

- 22nd of March. Florence. Presentation of the book "Geotopi di importanza regionale" (Geosites of regional importance) by Armando Costantini (consultant geologist of the Tuscan Mining Geopark) at the presence of President of the Regional Council of Tuscany;

Sustainable tourism (Geotourism)

- 27th of May Gavorrano. FORUM of the European Charter for Sustainable Tourism. About 50 participants. Working on new scenarios in governance tourism in Tuscany with effects and prospects in Maremma; on the state of the Action Plan and the new funding opportunities for the participants to the ECST.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- 21st – 25th of April XXVI National Course for teachers entitled "Landscapes of the Maremma, nature, history, archeology, land reclamation, mining, geothermal energy." Organized by the Central Scientific Committee of CAI (Italian Alpin Club) at Tuscan Mining Geopark with funding from (MIUR) the Ministry of Education, University and Research. About 40 teachers.

- 6th of May Gavorrano. Organization of the Conference " Mine water". An opportunity of development and promote the area". Geologists, engineers and experts of sustainable development participated

- 29th of May Siena. Participation at VII Festival of Science Museums. Workshops. The Tuscan Mining Geopark organized a workshop on the properties of the minerals of the park. About 300 children.

5th of July to 31st of December Focus Groups of FREE WAT. The European Commission has funded the project EU HORIZON 2020 FREEWAT (FREE and open source tools for water resource management - <http://www.freewat.eu>) with financing agreement No. 642 224, whose partnership is coordinated by the Sant'Anna School (in the person of Dr. Rudy Rossetto) The International Project Partners (including the Region of Tuscany) are visible in this web page: www.freewat.eu/partners. The project provides for the application of FREEWAT platform to 14 case studies divided in 9 cases which primarily seek to address issues linked to the Water Framework Directive and five case studies related to water management in rural areas (in view of the fact that agriculture it is the largest user of water in Europe). In the Italian case study is the reservoir of Follonica in Tuscan Mining geoparks and its groundwater body.

Strategic Partnership

- Work in progress to draw up a memorandum of understanding between Region Tuscany and Geopark for the management and promotion of protected areas of the park;

Promotional activities

- 6th of May Maremma Regional Park. Participation in the Buy Tuscany on the Road organized by the Tuscany Region. Tourism fair where the Tuscan Mining Geopark has partnered with some of the participants at the European Charter of Sustainable Tourism to propose park tour packages (cultural visits, outdoor experience, farms).

4. Contacts:

Manager: Alessandra Casini – direttore@parcocollinemetallifere.it

Geologist: Giancarlo Pagani – giancarlo.pagani@unisi.it

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

[Geopark name, country, regional Network] Unzen Volcanic Area, Japan, APGN

[Year of inscription / Year of the last revalidation] 2009 / 2013

[Representative Photo] (from the most important event this year)



Exchange activities of students between Hong Kong and Unzen UGGs in Hong Kong UGG.

2: GEOPARK FIGURES

[Number of Geopark staffs] 18 staffs including in 4 geoscientists

[Number of Visitors] 102,733, which is number of visitors of Mt. Unzen Disaster Memorial Hall (a core facility of Unzen UGG) in 2016.

[Number of Geopark events] 9 (3 times of Geo-Marche, 2 times of walking events with a trail and 2 times of promotional events of UGGs in Japan at the Conference).

[Number school classes realize Geopark educational programmes] 43 (22 elementary schools, 7 junior high schools, 14 high schools in Nagasaki Prefecture)

[Number of Geopark press release] 134 (accumulate number published on the main two local newspapers; Shimabara Press (59) and Nagasaki Shinbun (75))

3: Major achievements in 2016

- Tatsuishi, which is a geosite with geological significance of Unzen Volcano, was designated to Natural Monument of Minamishimabara City on March 31st.
- Exchange activities of students between Hong Kong and Unzen UGGs on July 27th.
- Sistering Arrangement with Hong Kong UGG on August 1st.
- “Music Geo-Café” which is a cultural event collaborating with music, folk tales, photos and geosciences on November 12th.

Contribution towards GGN - Networking and Participation

- Participation in the “UNESCO Global Geoparks Celebration Forum –Towards the new age of geoparks-” held in Hakusan-Tedorigawa Geopark, Japan (January 23rd-24th).

- Participation in the 7th International UNESCO Conference on Geoparks held at English Riviera UGG and enforced poster presentations (September 21st-24th).

Management and Financial status

- The Council of Unzen Volcanic Area Geopark composes 31 members involving in administrative offices, conservation organizations, tourism associations, universities and so on. The finances for Unzen UGG are contributions from three cities within the Shimabara Peninsula. Total budget has arranged flexibly depending on cost of projects.

Geoconservation

- “Geosite-Cleaning Project” was carried out at three geosites in Minamishimabara City.

Sustainable tourism (Geotourism)

- Geotour using an amphibian bus sponsored by Shimabara City.
- Reception for the school trip of high school students of Secondary School attached to Faculty of Education, the University of Tokyo (July 6th).
- Geotour for local inhabitants to Aso UGG (November 23rd).

New Education programmes on geoconservation, sustainable development and disaster risk reduction

- Remote class about active volcanoes and geohazards for elementary school students of Takamori elementary school in Aso UGG (February 11th) using Skype.
- Educational geotour “Let’s learn quantities of liquid using hot and cold spring water” for elementary school students in Unzen City (July 16th).
- “Shimabara Disaster Prevention Private School” on December 4th. Geoscientists and inhabitants who suffered the disasters caused by the latest eruption of Unzen Volcano shared their experiences to local children and their parents.

Strategic Partnership

- Guide Association of Minamishimabara “Arima-no-sato” became member the Council of Unzen Volcanic Area Geopark.
- Federated Association of Plumbing Corporation in Nagasaki Prefecture presented a donation to the Council to contribute to improvement of visibility of Unzen UGG.
- International exchange of geopark guides between Jeju and Unzen UGGs during June 25th-27th and November 21st-24th.
- Public offering of Subsidy for Academic Research of Unzen UGG. Research Group of Miyazaki University studied the relation local traditional foods and geoheritages utilizing the subsidy.

Promotional activities

- An omnibus-style monthly seminar “Geopark Seminar” for local inhabitants.
- The “Geo-Marche”, which is the market selling local products and processed foods using local products.

4: Contacts:

Manager:	Shin'ichi HIRAYAMA	staff1@unzen-geopark.jp
Geologist:	Marekazu OHNO	staff3@unzen-geopark.jp

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY: VIKOS AOOS UNESCO Global Geopark (GREECE, EGN)

Year of inscription: **2010** / Year of the last revalidation: **2016**



2. GEOPARK FIGURES

Number of Geopark staffs: 2, geoscientist: 1

Number of Visitors: More than 30.000 visitors annually have visited the Geopark (8.434 entrances at the Information Centers of both Geopark and National Park).

Number of Geopark events: 11 (Geopark) and 40 (cooperative organizations).

Number school classes realize Geopark educational programmes: 3.446 students from the Region of Epirus attained environmental educational programmes organized by the Northern Pindos National Park & the Vikos-Aoos Geopark and 3.830 students from schools all over Greece followed educational programmes organized by the Environmental Educational Centre in Konitsa.

Number of Geopark press release:15.

3. GEOPARK ACTIVITIES

Major achievements in 2016:

- Sign of a memorandum for further cooperation between the President of the Hellenic National Commission for UNESCO and the Governor of the Region of Epirus (June) for further cooperation on Vikos Aaos Geopark and other aspects, including interview and open discussion with the local MEDIA (see photos).
- Organisation of an open one day event presenting to the public and to the local MEDIA the UNESCO Global Geoparks Network and the role of the Hellenic National Commission for UNESCO as well as the Hellenic Geoparks Forum and

all the Greek Geoparks (see photos).

Contribution towards GGN - Networking and Participation:

- Participation in the 37th European Geoparks Network Coordination Committee meeting in the Basque Coast UNESCO Global Geopark, Spain, March 2016,
- Participation in the 38th European Geoparks Network Coordination Committee meeting and the International Conference in the English Riviera Geopark, 25-30 September 2016.

Management and Financial status: Managing Authority: Epirus S.A. in cooperation with a stakeholders' Committee. Annual budget: 38.000 euros (local government: 20%, municipalities: 10%, managing authority: 70%, plus sponsors and European projects).

Geoconservation: The Geopark's territory is protected by the National Law.

Sustainable tourism (Geotourism):

- Co- organizer of the North face Zagori Marathon Race (in the Geopark) with the participation of 2.000 athletes and about 4.000 people.
- Numerous events and festivals organized by the Geopark's municipalities or by the local cultural associations in the Geopark's villages.

New Education programmes on geoconservation, sustainable development and disaster risk reduction: The Environmental Educational Centre in Konitsa is currently working in the designing of a new Educational program as regards geoconservation and climate change.

Strategic Partnership:

- Numerous meetings with the local stakeholders for the strengthening of the relations and the better implementation of the Geopark's activities
- Elaboration of a proposal for further cooperation between Geoparks in Greece and Cyprus (Vikos Aaos UGG, Helmos- Vouraikos UGG, Troodos UGG), already applied to the Balkan Med cross border cooperation projects.

Promotional activities:

- Organization of an open event presenting UNESCO Global Geoparks Network, Vikos Aaos Geopark main values and the activity of speleology.
- Production of the Geopark's map, promoting geology and especially the Geotopes (10.000 copies in English, 5.000 copies in Greek),

4. Contacts: Manager: Haritakis Papaioannou (h.papaioannou@epirusa.gr), Geologist: Panayiotis Paschos (paschos@igme.gr)

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Villuercas-Ibores-Jara UNESCO Global Geopark

Spain, European Geoparks Network. 2011 / 2015

Day of the geopark educative community "Geoconvivencia 2016". Village of Castañar de Ibor, 25th May.



2. GEOPARK FIGURES

Number of Geopark staffs: 5, including 3 geoscientists

Number of Visitors: 90,000 visitors per year.

Number of Geopark events: 12.

Number of Geopark press release: 5

3. GEOPARK ACTIVITIES

Major achievements in 2016:

- In geoconservation: Technical projects for geosites' management.
- In education: Publication of the Geopark activity book.
- In geotourism: Geodisea 2016, see below.
- In networking: Twinning activities with several geoparks in China.

Contribution towards GGN - Networking and Participation:

- 7th European Geopark Week. 20th-29th May.
- Meeting with Shennongjia UGG and visit to Wangwushan-Daimeishan UGG, Sanqingshan UGG and Yandangshan UGG. China. 15th-25th April. Twinning Geoparks Agreement signed.
- Revalidation Mission of Beigua Global Geopark by José María Barrera.
- Meetings and activities with Rio Coco Geopark Project, Nicaragua. 7th-10th June.
- Visit of a delegation of the Sanqingshan UGG, China. 24th-25th September.
- Assistance to the 37th EGN CC (Basque Coast Geopark, Spain) and the 38th EGN CC and 7th UGG International Conference 2016 (English Riviera UGG, UK).
- Assistance to the 1st Forum of Shennongjia UGG, China. 10th-13th October.
- Collaborative research about the ichnofossil *Daedalus* with Naturtejo UGG.
- 3rd Open Seminar of the Spanish Geoparks Forum.

Management and Financial status:

The management is held by the Provincial Council of Cáceres. The final report of the accounts of 2016 is not yet finalized. The 2016 Action Plan has been carried out.

Geoconservation:

- Technical projects of 4 geosites granted by the Regional General Directorate of Rural Development to improve their accessibility and security.
- Technical project for the management of the geological paths.
- Studies to open 2 new geological paths.

Sustainable tourism (Geotourism):

- Geodisea 2016: special promotion about geology, adventure, cultural heritage and gastronomy; 22nd October- 6th November.
- A large number of activities carried out by the tourist companies.
- Several speeches/field trips carried by the geopark staff.

New Education programmes on geoconservation, sustainable development and disaster risk reduction:

The geopark support the activities run by the educative centers:

- Development of practical activities and compilation of those that follow the textbook of Villuercas-Ibores-Jara Geopark. Publication of the Activity book.
- The Geoconvivencia 2016 in Castañar de Ibor, with more than 500 pupils from different schools of the Geopark: seminar, entertainment, and activities. 25th May.
- Field trips and geology workshops. 19 educative field trips organized by the geopark in collaboration with the Regional General Directorate of Education.
- Visibility of the Geopark at school. A sign to remember their membership in the "Geocentros Network" is installed on their facade.
- Contribution to the Regional Environmental Education Strategy.
- Several speeches/field trips about geology and paleontology carried by members of the Scientific Committee in/with educative centers.

Strategic Partnership:

Government of the autonomous region of Extremadura: Conservation and accessibility to the geosites. Participation on the educative project.

University of Extremadura: Research and Scientific committee.

Municipalities of the Villuercas-Ibores-Jara: Management of the Infocenters.

Participation in the European Week activities.

LEADER Group APRODERVI: Approval of the "Geostrategy", Geopark Local Participate Development Strategy.

Tourism Business Association –Geovilluercas: Participation in several tourist Fairs.

Geological Association of Extremadura: Scientific advisors.

Promotional activities:

- Assistance to FITUR, FIO and ITB trade fairs.
- New promotional brochures.

4. CONTACTS:

Director: José María Barrera. Biologist. Expert in Earth Sciences education and divulgation. jmbarrera@dip-caceres.es. GGN representative.

Scientific Director: Teodoro Palacios. PhD in Geology. medrano@unex.es.

Deputy Director: Javier López. Geographer of the LEADER Group Aprodervi.

Responsible for the sustainable development strategy of Villuercas-Ibores-Jara javier@aprodervi.com.es. GGN representative.

Scientific Deputy Director: Juan Gil. Geologist. jugimo@gmail.com

Staff: Iván Cortijo. Biologist and PhD in Paleontology. icortijo@dip-caceres.es.

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: UNESCO Global Geopark Vulkaneifel (EGN)

Year of inscription / Year of the last revalidation: 2000 (EGN), 2004 (GGN) / 2015



Official delivery of UNESCO Global Geopark document by Michael Reiffenstuel, chairman of German National Committee of UNESCO Global Geoparks (Ministry of Foreign Affairs) and vice-president of German National UNESCO Commission Hartwig Lüdtké accompanied by Prime minister of Rhenania-Palatinate Malu Dreyer

2. GEOPARK FIGURES

Number of Geopark staff: 5 staffs including 2 geoscientist(s)

Number of Visitors: 495.000 overnight guests

Number of Geopark events: 800

Number school classes realize Geopark educational programmes: 15

Number of Geopark press release 80

3. GEOPARK ACTIVITIES

Major achievements in 2016

- Official delivery of UNESCO Global Geopark document
- Continuation of implementation of environmental education concept: activities in schools and kindergartens, Junior-Ranger camp
- Lecture series "Vulkaneifel Akademie" with various designated speakers from natural and earth sciences
- Ornithological and botanical monitoring at Trautzberg Maar, a maar that was recovered by the geopark in 2014
- Ethymological monitoring in the Bunter-Sandstone region of geopark brings first proof of a new wasp species in Vulkaneifel
- New staff member: officer for barrier-free- tourism

Contribution towards GGN - Networking and Participation

- Participation in the EGN meetings in Basque Coast, Spain and English Riviera

Geopark

- Participation in 7th International Conference on UNESCO Global Geoparks in English Riviera Geopark, member of scientific committee and chair of session
- Contribution to EGN Magazine, issue 13, 2016 and EGN Newsletters
- Contribution and support of Global Geopark booth at ITB 2016
- Continuation of lobbying for UNESCO Geoparks on national level
- Evaluation mission to Trollfjell aspiring geopark, Norway
- Participation in Geopark workshop in Sitia Geopark, Crete (Greece)
- Member of thematic group "Volcanic Geoparks"

Management and Financial status

- ongoing secure financial support by shareholders by contract

Geoconservation

- Maintenance of various geotopes and biotopes by landscape management

Sustainable tourism (Geotourism)

- Successful application resulting in awarding Vulkaneifel as "Model region – Tourism for All (barrier free tourism)" by federal state of Rhenania-Palatinate combined with a donation of 1.3 mill €

Strategic Partnership

- Key player in developing the Local Action Group in the frame of the EU LEADER-Program
- Project development in the frame of EU Interreg programs with partners from Belgium, France, Luxemburg and Germany

Promotional activities

- international tourism fairs: Vakanz 2016 (Luxemburg), ITB 2016,
- Tourism-day Kröv, "Explore the Eifel, Air base Spangdahlem, city festivals in Daun and Schalkenmehren
- "Quarry live" at Wartgesberg volcano Strohn

4. Contacts:

Manager: Dr. Andreas Schüller, andreas.schueller@vulkaneifel.de

Geoscientist: Dr. Andreas Schüller

Annual Report of 2016

1. Geopark Identity

Name, Country of the territory and Regional Network: Wangwushan-Daimeishan UNESCO Global Geopark, China, APGN

Joining Year/ Last Revalidation Year: Year 2006/Year 2016

2. Data of the Geopark

Number of the Staff: 165 staff including 6 geoscientists

Number of Visitors: Overall 4,850,000

Times of Activities: 12 times

Geoscience popularization activities like popular science training camp, soliciting photography, poems and essays soliciting, training class for the geopark partners, guide training, educational tour, youth science popularization tour, thematic lectures on geoscience and donation of science books are held in schools; cultural travelling activities like Mountain-climbing Festival, Peach Blossom Festival, Bicycle-riding Festival, Chongyang Climbing Festival have been held.

Number of Classes Implementing Geopark Educational Plans: 20

Number of News Published: 10 news have been published at GGN center of China; 3 news have been published at GGN Journal; 54 news have been published at the official website of Wangwushan-Daimeishan UNESCO Global Geopark.

3. What We have Done in 2016

The Main Achievements in 2016

We have upgraded the Geological Museum, established the popular science activities center, upgrading and improving 6 popular science travelling routes; 110 interpretive panels have been set up and 231 interpretive panels have been upgraded; more than 10 kinds of popular science readings have been compiled; the geopark logo, mascot and souvenirs have been designed and made.

Contribution to GGN-Network Activities and Participation

1. Villuercas Ibores Jara Geopark of Spain has been invited to visit Wangwushan-Daimeishan UNESCO Global Geopark and sister-park agreement was signed; 2. We have attended the Annual Meeting of Global Geoparks in China of 2016 and given a speech named “How to Manage the Geopark and Promote the Science Popularization”; 3. Attending the 7th International Global Geoparks Meeting held in UK and promoting Wangwushan-Daimeishan UNESCO Global Geopark by handing out materials and setting up showing cases; 4. Visiting and communicating with Funiushan Global Geopark, Leye-Fengshan Global Geopark and Yuntaishan Global Geopark; 5. Attending the Global Geopark New Application and Revalidation Seminar in 2016.

Management Body : Wangwushan-Daimeishan UNESCO Global Geopark Management Committee has been set up in 2010, headed by the mayor of Jiyuan City and Head of Xin’an County, it is

engaged in coordinating and solving the issues in the geopark construction, management and conservation; Wangwushan-Daimeishan UNESCO Global Geopark Administration was set up in 2012, which is responsible for the construction and management of the geopark. The Administration is under the management of Wangwushan-Daimeishan UNESCO Global Geopark Management Committee.

Financial Situation: The financial situation is good, the travelling income for 2016 is 20,405,524USD(142,000,000RMB).

General plan and geoheritages conservation plan have been compiled; Wangwushan-Daimeishan UNESCO Global Geopark Management Regulations and Geoheritage Conservation Management Regulations have been issued; Conservative tablets have been set up at the significant geoheritage sites within the geopark, which are patrolled and monitored regularly.

Sustainable Travelling(Geological Tourism)

The construction of geopark plays a positive role in the promotion of local economy. 2 travelling agencies, 3 three-star hotels, 8 farm hotels have been established within the geopark in 2016; 600 new long-term employments are supplied and 800 temporary employments are supplied, which greatly promotes the sustainable development of local touring economy.

New Educational Plans concerning Geoheritage Conservation, Sustainable Development and Disaster Risk Relief

“Wangwushan-Daimeishan UNESCO Global Geopark Geoscience Popularization and Promotion Plan of 2016 ” has been made, and activities like “Teenagers Popular Science Travel”(3000 participants), “Educational Tour of Geopark”(15,000 participants), “Popular Science Coming into Schools”(600 participants), Training Class for Geopark Partners(120 participants) have been carried out.

Strategic Partner

We have signed sister-geopark agreements with 5 global geoparks(Funiushan Global Geopark, Yuntaishan Global Geopark, Leye-Fengshan Global Geopark, Ningde Global Geopark and Villuercas Ibores Jara Global Geopark of Spain); 2 scientific research bases have been established(College of Resources and Environment of Henan Polytechnic University, Henan Geological Museum); “Geopark Educational Tour” are co-implemented with Youth Travel Service, Education Bureau of Jiyuan City; “Popular Science Coming into Schools” are co-implemented with Yugong School and No.1 Middle School of Jiyuan City; over 30 news have been published on Wechat of the Geopark, it is co-established with Radio Station of Jiyuan City; Popular Science Volunteers Training Camp has been held with geoparkers to comprehensively promote the geopark.

Promotional Events

Geoscience cultural tour activities like “Longtan Valley Tour”, “Daimeishan Alpine Meadow”, “Yellow River Three Gorges Tour”, “Xiaogoubei Volcanic Valley Tour” have been carried out; Marketing activities like “Wangwushan Red Leaves Festival”, “Wangwushan International Tourism Climbing Contest”, “Peach Blossom Festival”, “Chongyang Climbing Festival”, “Yellow River Three Gorges Wild Rose Festival”, “Daimeishan Tourism Cultural Festival”, “Longtan Self-Driving Trip” have been held; meanwhile, we utilize Wechat, official website, media, newspapers and advertising towers to

comprehensively promote the geopark.

4. Contact Persons

Management Body Director: Ms. Liu Xiaoling Email: xiaoling3998@163.com

Geoscientist: Mr. Zhang Zhonghui Email: zzhui62@163.com

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Wudalianchi UNESCO Global Geopark (China, APGN) 2004/2014

Representative Photo



In 2016, 720,000,000 yuan RMB had been invested in the construction of Wudalianchi Dedu Airport, with 2500 meters runway, 4 aircraft positions and 3000 km² terminal. It will be put into service in September, 2017.

2. GEOPARK FIGURES

Number of Geopark staffs: 1452 staffs including 6 geoscientists.

Number of Visitors: 1,450,000 visitors

Number of Geopark events: 9 events as follows:

-International marathon across the crater of volcano was held; holy water festival was held; stage play Five Lotuses was put on the stage; national Hiking Activity was held; a new scenic area Tianchi at Gelaqiu Volcano; the first golf course at volcanic snow area in China; ice and snow tourism project; Dr. Thomas Casadevall, IUCN volcanologist and geologist, expert from United States Geological Survey, visited Wudalianchi; Wudalianchi Dedu Airport was finished.

Number school classes realize Geopark educational programmes:10 (including 8 about geosciences, 1 about geohazard deduction, 1 about outdoor practices)

Number of Geopark press release:11

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016:

-International marathon across the crater of volcano, Holy water festival and other activities were held; an International Health Care Tourism Demonstration Base was built; hiking, golf, ice sculpture and other ice and snow projects were developed.

Contribution towards GGN - Networking and Participation

We took part in the International Intensive Course in Lesvos Island UNESCO Global Geopark, Greece; Professor Kommoo Ibrahim and Professor Pasquale Li Puma were invited to Wudalianchi for visit; we attended The 2nd Huangshan Dialogue on UNESCO Sites and Sustainable Development; we attended the 7th International Conference on UNESCO Global Geoparks and the fair; Songshan was invited to visit Wudalianchi; we attended the 1st and 2nd International Training Course on UNESCO Global Geoparks Geoparks Management and Geo-conservation; Wudalianchi was invited to Songshan for the

its re-validation; Wudalianchi was invited to Russia to take part in the H₂O International mineral water Forum in Pyatigorsk.

Management and Financial status

-Management body: Wudalianchi Administrative Committee

-Financial status: It is good. The ticket income is 34,650,000 yuan RMB. The comprehensive tourism income is 490,000,000 yuan RMB.

Geoconservation

-Field patrol lasted for 280 days. Propaganda on geoconservation in schools, offices, departments and communities lasted for 128 days.

- Monitoring and informatization project was initiated, with construction of 11 base stations and installation of 270 infrared sensor probes.

-Resource protection emergency plans on traveling peak, georelics, ecological protection, forest fire prevention were newly revised; 5 groups including 180 people for resource protection and 3 volunteer groups for forest fire prevention were formed; 11 resource protection training and practices were carried out.

-13,000,000 yuan RMB was invested in the construction of 3030 meters wooden plank road; 3 more protection stations were built, with an investment of 10,070,000 yuan RMB; 72,490,000 yuan RMB was invested in the construction of roads and infrastructures.

-8,907,500 yuan RMB was invested in the infrastructures of the new scenic area Tianchi at Gelaqiu Volcano.

Sustainable tourism (Geotourism)

650,000,000 yuan RMB of local economy benefits from geotourism; public budget revenue is 56,610,000 yuan RMB, an increase of 6%; the number of tourist is 1,450,000, an increase of 5.1%; the ticket income is 34,650,000 yuan RMB, an increase of 4.8%; the comprehensive tourism income is 490,000,000 yuan RMB, an increase of 6.5%; disposable income per capita is 20,400 yuan RMB, an increase of 11.2%; rural net income per capita is 10,300 yuan RMB, an increase of 10.3%.

New Education programmes on geoconservation, sustainable development and disaster risk reduction -Education programmes such as 3•12 Volunteer Service Day, 4•22 World Earth Day, Little Volunteers Contest, Popular Science Volunteers into Scenic Areas, Little Hands and Big Hands was were carried out; 15 popular science lectures on geosciences were open to more than 1200 people.

Strategic Partnership -To develop educational programs with China University of Geosciences (Wuhan) and China University of Geosciences (Beijing); to develop educational programs with China OFPU Education.

Promotional activities -Advertisements were put on CCTV, Heilongjiang Provincial TV, mainstream press, newspapers and journals

4. Contacts:

Manager: Hou Ming; wdlcofchina@163.com

Geologist: Liu Jiaqi, academician of Chinese Academy of Sciences;

Zhang Haiyan, assistant chief engineer of Heilongjiang Institute of Hydrogeology and Engineering Geology.

GGN - Geopark Annual Report of 2016

1. Geopark Identity: Xingwen UNESCO Global Geopark, China, APGN

Year of inscription: 2005; Year of the last revalidation: 2013

Representative photos: Geological Popular Science Education Activities in Schools



2. Geopark Figures

Number of Geopark staffs: 273 staffs including one geoscientist; Number of visitors: 548,000 person-times

Number of Geopark events:3

We have completed the research subject - The Evaluation and Protection Research of the Karst Landform in Xingwen UNESCO Global Geopark, in cooperation with Regional Geological Survey Team of the Sichuan Bureau of Geology & Mineral Resources.

We have created the large popular science picture album *Xingwen, a Place of Marvels, Sights and Beauties -- Xingwen UNESCO Global Geopark*, in cooperation with experts of the Sichuan Bureau of Geology & Mineral Resources.

In collaboration with experts of China University of Geosciences (Beijing), we have finished the popular science reading *A Trip into Xingwen UNESCO Global Geopark*.

Number of school classes realizing Geopark educational programme:2

We have held geological popular science itinerant exhibitions in 10 primary schools with 18,000 primary school students attended. Meanwhile, we have given away the popular science reading

A Trip into Xingwen UNESCO Global Geopark to 44,200 primary school students for free.

Number of Geopark press release:

We have issued 14 press releases on the GGN website, and 33 (both in Chinese and English versions) on the official website of Xingwen UNESCO Global Geopark, 8 at TV station and 21 in various newspapers, and also pushed more than 12,000 times on WeChat and other network media.

3. Geopark Activities

Main Achievements in 2016:

We have strengthened the geoconservation, expanded the channels for popular science publicity and education and actively participated in various network activities, to promote the continuous development of geotourism and sustained stability of financial revenue and expenditure.

Contribution towards GGN -- Networking and Participation:

We have attended the following meetings and conferences throughout the year: 2016 Annual Conference on Global Geoparks of China, held in Zhijindong Cave Global Geopark in April; the 7th International Conference on UNESCO Global Geoparks, held in English Riviera UNESCO Global Geopark in September; the 2nd International Training Course on UNESCO Global Geoparks, held in Beijing in November and 2016 Application and Revalidation Symposium of Global Geoparks, held in Danxia UNESCO Global Geopark in December.

Management and Financial Status:

We established the Administration of Xingwen (UNESCO) Global Geopark in 2006. Our revenue and expenditure have reached RMB 53,658,700 and RMB 47,512,500 respectively, with surplus of RMB 6,146,200.

Geoconservation:

To strengthen the geoconservation, all the light sources in the karst cave have been replaced by LED cold light sources; tourism and sanitary facilities as well as signage system have been upgraded or rebuilt; slipways in the Tianquan Cave have been removed.

We have propagandized the concept of protecting the Earth, conserving resources and caring for ecological environment to the public in schools and communities.

Sustainable Tourism:

Xingwen County saw a year-on-year increase of 10.3% in tourist arrivals and 19.8% in total tourism revenue compared to the last year. The increase in tourist arrivals boosted employment and development of local enterprises, with many new jobs (permanent jobs accounting for 3% and temporary ones for 9%) created, and 22 new enterprises established.

New Education Programme on Geoconservation, Sustainable Development and Disaster Risk

Reduction:

In 2017, five geological publicity and education activities will be carried out in communities and schools, and a training is also planned to be held for community members, Geopark staffs and tourism workers.

Strategic Partnership:

We have established partnerships with many scientific institutions and colleges, including Regional Geological Survey Team of the Sichuan Bureau of Geology & Mineral Resources, Geophysical Exploration Brigade of the Sichuan Bureau of Geology & Mineral Resources, China University of Geosciences (Beijing), Sun Yat-sen University, Sichuan University of Science & Engineering, Sichuan Normal University and Impression Rock Sea Travel Agency Co., Ltd.

Promotional Activities:

We have held various forms of tourism festival activities, such as aerial photography contest, sorghum festival, red orange festival, bamboo-picking festival, Huashan festival, Gaozhuang festival, international festival of intangible cultural heritage. Furthermore, we have launched tourism promotion activities in Yunnan, Guizhou, Chongqing, Chengdu and other provinces and cities. Besides, we have conducted vigorous propaganda through various media, such as CCTV, Sichuan Television, Sichuan Daily, Western China Metropolis Daily, Tencent and Ctrip.

Popular Science Trainings:

We have trained rural tourism workers in June. We have also trained Geopark staffs in July and December, and one of them has also participated in the upgrading course for popular science ability sponsored by the Ministry of Land and Resources in October.

Popular Science Activities:3

We have organized geological popular science education trips for 2,400 primary and middle school students.

We have held geological popular science itinerant exhibitions in schools, with 62,200 students attended.

We have organized geological popular science education lecturers and activities in communities and schools on the World Earth Day, National Popular Science Day, National Science and Technology Week and other theme days. More than 12,000 copies of publicity materials have been distributed.

4. Contacts

Manager: Xiaolin, Chang; Email: xwgeopark@126.com

Geologist: Chen Bin; Email: xwgeopark@126.com

Global Geoparks Network----2016 Geopark Annual Report

1. Yandangshan UNESCO Global Geopark (China, Asia-Pacific Geoparks Network)

Year of inscription/Year of the last revalidation :2013

Representative Photo (from the most important event this year)



2. GEOPARK FIGURES

Number of Geopark staffs: XX staffs including Y geoscientist(s) :**1260 (including 3 geologists)**

Number of Visitors: If total number of the visitors to the geopark is difficult to estimate, show the number of the visitors to the major geosite(s), museum or visitor center:**9.26 million visitors**

Number of Geopark events: Clarify the events held by management body and cooperative organization:**20**

Number school classes realize Geopark educational programmes:21 classes

Number of Geopark press release:25 press releases in Chinese and English.

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

Yandangshan Global Geopark holds Knowledge Contest on World Earth Day, Science Popularization in Zhejiang University and China University of Geosciences, summer camps themed with “Learning in Traveling and Thinking in Marching”, science and painting competitions. In addition, National Road Cycling Championship, Classic Cars Challenge China, Yandangshan Pear Blossom Festival, Plum Blossom Festival, New Year Rock Music Festival, Eight-Second Sound, Aurora Festival and Couple's Culture Tour Festival are held in Yandangshan.

(1) . More than 70,000 square meters' buildings which are adverse to protection of the park, old and dilapidated houses in core scenic areas such as Lingfeng, Lingyan and

Dalongqiu are demolished.

(2) . 678 signboards and science explanation system, 5 scientific corridors in the park are updated.

(3) . Yandangshan Communication Distributing Center of Travel Culture and Baxiayan Tourists Center are established.

(4) . A slow wooden trestle extending 5000 meters from Songyang to Lingyan and a glass plank with 120 meters in Wolong Valley are constructed. What is more, 1st Shennongjia Global Geopark Seminar is held successfully.

(5) . Three public toilets are newly established and 11 public toilets at distributing center, Chaoyang Cave, Sanzhe Waterfall are reconstructed

Contribution towards GGN - Networking and Participation:

Yandangshan joins the 1st and 2nd International Course on Geoparks Management and Development held by China University of Geosciences in Beijing and 2016 Annual Conference of GGN Chinese Members held in Zhijindong in Guizhou. Visitors from Spain Villuercas Global Geopark come to Yandangshan and establishes sister park relationship with it. Yandangshan visits Fangshan and Yanqing Global Geopark in Beijing. Sichuan Popular Science Base and Leiqiong Global Geopark visit Yandangshan in succession. In addition, Yandangshan participates in the Seventh International Conference on Global Geoparks held in Riviera, UK.

Management and Financial status:

Management: Yandangshan Global Geopark Administrative Committee is established under which there is an office (division-level institution) responsible for comprehensive management and protection of Yandangshan geoheritages.

Financial status: Financial position is generally in a good condition. With independent appropriation budget, the geopark is responsible for formulating its annual budget which mainly comes from tickets revenue and special funding of superior government. In 2016, 1.25 billion out of 1.41 billion tickets revenue is put into management construction.

Geoconservation: Protection regions of geoheritages are graded, in accord with effective and scientific conservation measures are formulated. A series of protecting projects are conducted including Project on Improving Construction of Yandangshan Geological Museum, Project on Biodiversity Protection, Project on Constructing Intelligent Park, Construction of Safety and Forest-fire Prevention and Setting Fence, Explanation Boards and

Warning Signs.

Sustainable tourism (Geotourism): With the development of geological tourism, traditional economic structure has experienced transformation and upgrading. Agricultural population transforms to workers related to tourism unceasingly. Moreover, 2 travel agencies, 13 restaurants, 21 homestays are newly established in the park. 280 temporary jobs, more than 2000 long-term jobs for travel services, 12 companies, 16 touring malls, supermarkets and craft stores are also newly created.

New Education programmes on geoconservation, sustainable development and disaster risk reduction:

Yandangshan geohéritages are managed in real-time monitoring. With 10 geologic hazard monitoring sites, there are periodical monitor and prediction as well as protective measures such as construction of rockfall-prevented corridor. The disaster early-warning mechanism is established by formulating Plan on Geologic Hazard Prevention, Plan on Forest Pest and Prevention and Plan on Forest Fire Prevention.

Strategic Partnership: Yandangshan conducts geological study by cooperating with Structure of Rock Mass from International Association of Engineering Geology, Chinese Academy of Geological Sciences, Zhejiang Institute of Geological Survey and Zhejiang Institute of Geology and Mineral Resources. There are geo-tourism cooperating more than 120 travel agencies around the country. Network promotion is conducted by cooperating Sina and other 12 Internet media. The geopark also establishes cooperative relationships with local companies such as Yandangshan Resort, Yandangshan Maofeng, Yandangshan Tiefengtang.

Promotional activities:

There are Yandangshan destination-based advertisements on CCTV, ZJTV, China Tourism News, Chinese Territory Resource News and other newspapers and magazines.

4. Contacts:

Manager: Name and email address : Zhou Xinbo 361059978@qq.com

Geologist: He Zhenyu, Wang Xinyuan, Chen Yaohua

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Yanqing UNESCO Global Geopark (China, APGN)

Year of inscription / Year of the last revalidation: 2013



2. GEOPARK FIGURES

Number of Geopark staffs: 1380 staffs including 11 geoscientists

Number of Visitors: 10.72 million tourists in 2016

Number of Geopark events: 19

The volunteer activity in Museum of Yanqing Global Geopark; the 8th Dragon Boat Cultural Festival; Great Wall Forest Music Festival; Apricot Flower Festival; Qianjiadian Forest Marathon; Ice Lantern Festival; Halloween Festival and others.

Number school classes realize Geopark educational programmes: 20

Number of Geopark press release: 39

3. GEOPARK ACTIVITIES

▲ Major achievements in 2016

(1) Supported the first and co-organized the second International Training Course on Geoparks Management and Development; (2) The conservation project of Yanqing silicified woods with Lesvos Island Global Geopark has been carried out; (3) The interpretation system in the geopark has been updated, revised 118 interpretation panels and added 52 new ones.

▲ Contribution towards GGN - Networking and Participation

Attended the first International Training Course on Geoparks Management and

Development and delivered a presentation; taken part in 2016 Annual Meetings of Chinese Global Geoparks, the seventh International Conferences on Global Geoparks (English Riviera, UK, 2016) and symposium on application and revalidation of UNESCO Global Geoparks ; visited Shilin Global Geopark to learn the revalidation process; invited Lesvos, Huangshan, Yandangshan UGGs to visit our Geopark.

▲ Management and Financial status

Our Geopark is managed by the Management Committee for Yanqing Global Geopark; the Administration for Yanqing Global Geopark; Area Management Sections.

The income and expenses stay balanced. Funds of the geopark mainly come from local governmental fiscal budgets, ticket and other business income. Expenses are mainly in geo-heritage protection and conservation, science popularization, staff salary, etc..

▲ Geo-conservation

(1) Geo-heritage sites database has been updated; (2) The data collection of the overall plan of dinosaur footprints protection zone has been finished; (3) In order to make better protection of dinosaur footprint sites, our geopark has constructed a new highway (7.1 km long) for the public transport, the original one is just for geopark visitors.

▲ Sustainable tourism (Geotourism)

(1) Geo-cycling route has been developed to provide guide for tourists; (2) Standards have been formulated to evaluate the levels of agritainments; (3) Initial plan of adding geopark logo to apple, grape etc has been finished to promote agricultural products.

▲ New Education programmes on geoconservation, sustainable development and disaster risk reduction

Geo-popular science activities have been carried out including World Earth Day, World Environment Day, volunteers' training and interpreters' workshop. 800 people have been trained through 12 geo-popular science lectures.

▲ Strategic Partnership

China University of Geosciences (Beijing), Beijing Institute of Geology, Beijing Museum of Natural History, World Grape Expo Park, Lvfulong Agricultural Company and about 120 travel agencies.

▲ Promotional activities

(1) Several popular science books have been published; (2) A television programme was made through cooperation with Beijing TV; (3) Website of Yanqing Global Geopark has been recognized the domain name legal and Wechat public account has been opened.

4. Contacts:

Manager: You Baojun, yanqingsjdzgy@163.com

Geologist: Yang Honglian, Wu Fadong, Tian Mingzhong

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network:

Yuntaishan UNESCO Global Geopark , China

Year of inscription / Year of the last revalidation:

2004/2016

Representative Photo



2. GEOPARK FIGURES

Number of Geopark staffs:

The total staff of the geological park is 929 now. The other servicers are more than 600.11 geoscientists.

Number of Visitors:

6.3271 million.

Number of Geopark events:

More than 10 events held by management body and cooperative organization in 2016,there are 2016 Yuntaishan sling Guinness book of world challenge,the Red autumnal leaves festival of jiaozuo, the Shennong cultural festival, the Henan university students' tourist culture festival and Yuntaishan culture and art festival, 2016 national mass sports fitness conference and other activities.

Number school classes realize Geopark educational programmes:

5 classes.

Number of Geopark press release:

7 press release,including 2 GGN newsletter.

3. GEOPARK ACTIVITIES

Major achivements in 2016 :

The geologic relics log-in system of the Geopark has been established;Published papers 《Study on the impacts of the construction and development of Yuntaishan Global Geopark on the development of the peripheral rural villages》、 poetry anthology 《Roaming》、《Rock Institute》 in both Chinese and English; Launched the Yuntaishan Global Geopark WeChat official account.

Contribution towards GGN - Networking and Participation:

1.Attend the 7th International Conference on UNESCO Global Geopaeaks;2.Attend the 2016

Chinese Global Geopark Annual Conference;3.Attend the 2016 Reevaluation Global Geopark DiscussConference;4. Visit the Rokua Global Geopark of Finland,the Zhijindong Cave Global Geopark,the Wangwushan-Daimeishan Global Geopark and Signed cooperation agreements, Visit the Odsherred Global Geopark of Denmark.

Management and Financial status:

Constantly improve the management network, financially sound, the annual tourism comprehensive income achieved more than 500 million RMB.

Geoconservation:

The effective management of the geologic relics has been carried out, the list of geologic relics has been compiled, the geologic relics log-in system of the Geopark has been established. The project named The Investigation of Geological Hazards and Prevention Measures in Yuntai Mountain Scenic Area has been in the study, etc.

Sustainable tourism (Geotourism)

In 2016, a total of 6.32 million tourists, drive the local economic development:there are 34 tourism designated hotel above three-star and more than 700 other hotels, such as guesthouse, mountain villa, happy farmhouse and family hotel in the five subparks.The town guide interpreter increased to 1700 and lead more than 30 thousand tourism employees.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

1.In the global earth day ,the environment day,the national popular science day and the popular science week ,Yuntaishan Global Geopark will hold popular science education activities;2.Hold the Yuntaishan Global Geopark geological science summer camp;3.The geological tour guide training for more than 300 guider;4.Hold the popular science education in Colleges and universities activities.

Strategic Partnership

Yuntaishan signed a long term scientific research project exploitation and cooperation agreements with Henan Geological Museum, Henan Institute of Geological Survey, Henan Institute of Geological Sciences, China Geological Society and Research Branch of Tourism Geology, China Writers Association etc.Yuntaishan newly signed agreements with the Universities, such as Beijing Normal University, China University of Technology, China University of Geosciences etc. Established new cooperation agreements with them, carry out cooperation on the aspects of student practice base, scientific research, geological investigation, etc.

Promotional activities

In CCTV station of mainstream media, newspapers, journals, uninterrupted yuntai mountain tourism image advertisements, in Beijing, Shanghai, hangzhou and other places to carry out the promotion activities.Attend the UN climate conference demonstrated the landscape of Yuntaishan, in 2016 China international travel mart and the 2nd northwest tourism marketing conference and propaganda image propaganda page.

4. Contacts:

Manager: Sun Zhongxin,ytssjdzgy@163.com

Geologist:Zhang Zhonghui,364274391@qq.com

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Zhangjiajie UNESCO Global Geopark, China, APGN

Year of inscription / Year of the last revalidation:2004/2014

Representative Photo (from the most important event this year)



2. GEOPARK FIGURES

Number of Geopark staffs: 1351staffs and five geologists

Number of Visitors: 22.8605 million Yuan

Number of Geopark events: nine major events by management body

Number school classes realize Geopark educational programmes: four

Number of Geopark press release: Fourteen

3. GEOPARK ACTIVITIES

Major achievements in 2016

1. We also upgraded 95- kilometer-long touring path, the Tianzi Mountain cableway and Bailong sightseeing elevator.
2. We established a new visitor center at Yuanjiajie geo-region.
3. We upgraded highway affiliated facilities including the signing system.
4. We upgraded and renovated three restaurants, eleven toilets and 5 first-aid stations.

Contribution towards GGN - Networking and Participation

1. We attended the 7th UNESCO Global Geopark International Conference.
2. We signed a sister agreement with English Riviera UNESCO Global Geopark.
3. We made a friendly visit to Maestrazgo and Copper Coast UNESCO Global Geopark

- and signed a sister agreement with Maestrazgo UNESCO Global Geopark (Spain).
4. We attended the international course on geoparks management and development
 5. We attended the Annual Conference on Global Geoparks of China 2016

Management and Financial status

Zhangjiajie Global Geopark is under the management of the Administrative Committee of Zhangjiajie Global Geopark whose chairman is the district major of the Wulingyuan District People's Government of Zhangjiajie Municipality. Financial status is good with a total revenue of 10.002 billion yuan.

Geoconservation

1. We continued to improve our management of the database so as to realize better digitization and informatization.
2. We continued to improve our monitoring system and conduct real-time monitoring and management on geology, geohazards, meteorology, and wildlife.
3. We built protective fences for protecting geoheritage from tourists' close contacts.
4. Protection activities for endangered plants and animals.

Sustainable tourism (Geotourism)

1. We conducted special training on geotourism for tour guides.
2. We paid a lot of attention to encourage and support environmentally friendly enterprises to engage in sustainable geotourism and be part of the engine of the economic development. In 2016, the total tourist revenue reached 10.002 billion yuan, a year on year growth of 24.8%, hitting a record high.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

1. We invited geologists to give lectures on geoheritage protection, sustainable development and disaster reduction for staffs of the geopark.
2. We continued to cooperate with local universities and make the geopark as the training base for students.

Strategic Partnership

1. We signed agreement with IGSNRR to do research on geoscience and Zhangjiajie Geomorphology.
2. We established good partnership with local enterprises, such as Zhangjiajie Tourism Development Co. Ltd, Zhangjiajie Youth Travel Service, Co. Ltd,

Promotional activities

1. We cooperated with major news media such as CCTV, Hunan Satellite TV, Baidu, etc to conduct promotional activities.
2. We went to Malaysia, Indonesia and Thailand for publicity and signed agreements of friendship and cooperation with them.
3. We took full advantage of the network marketing and built online marketing platform through multi channels, such as choosing a mascot through online public appraisal.

4. Contacts

Manager: XIE Yi Email: 932407126@qq.com

Geologist: HUANG Heqing Email: huanghq@igsnrr.ac.cn

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Zhijindong Cave Global Geopark, China, APGN

Year of inscription / Year of the last revalidation 2015

Representative Photo (from the most important event this year)



2016 中国世界地质公园年会暨织金洞世界地质公园揭牌开园合影留念 2016. 4. 27

2. GEOPARK FIGURES

Number of Geopark staffs: 331, No geoscientist

Number of Visitors: 3,300,000

Number of Geopark events: 8

The Earth Day Campaign, The Annual Meeting of Chinese Global Geoparks, The Geological popularization education in Guizhou Colleges, Zhijindong Cave geological popularization education in communities, The Valentine`s Day activities of Zhijindong Cave, International Karst Cave Culture Festival 2016, Cooking Competition, The photos exhibition activities of Chinese Global Geoparks and National Geoparks.

Number school classes realize Geopark educational programmes 7

Number of Geopark press release 3

3.GEOPARK ACTIVITIES

4.Major achievements in 2016

(1)The Annual Meeting of Chinese Global Geoparks

(2)The activities of Valentine`s Day

(3)International Karst Cave Culture Festival&Anniversary Celebration of being a member of UNESCO Global Geopark

Contribution towards GGN - Networking and Participation

(1)June 20th-30th 2016 ,participated in the International Intensive Course on Geoparks in Lesvos Petrified Forest Global Geopark.

(2)Sept 26th-30th 2016,participated in 7th International Conference on UNESCO Global Geoparks in English Riviera UNESCO Global Geopark.

(3)Participated in 2nd International Course UNESCO Global Geoparks

(4)Signed s cooperation agreement with Huangshan Mountain Global Geopark.

(5)Signed a cooperation agreement with Wudalianchi Global Geopark.

Management and Financial status

(1)Management institution: The Administration Bureau of Zhijindong Cave.

(2)Financial status: Bad,the ticket income in 2016 is 91,600,000 Yuan,while the Geopark construction costs 150,500,000 Yuan.

Geoconservation

Sustainable tourism (Geotourism):

Revised the natural disasters and forest resources protection such as fire

prevention emergency plan, formulated the management scheme for major risk area in the park, building a protection group with 331 people, carried out 7 times resources protection.

New Education programmes on geoconservation, sustainable development and disaster risk reduction:

1. Start the project of develop and open the large Tiangkeng, small Tiangkeng and Tianfeng landscape in the exit of Zhijindong Cave, plans to invest 6,300,000. The planing, design and budget were completed and ongoing the construction bid at present. Expected complete the first footpath project before the end of this year, completed an investment of 3,600,000 yuan.

2. Start the stony desertification control project of thr 2016 annual geological relics protection project, plans to invest 3,200,000. Part of the removal project has been implemented. It has been completed of the bid inviting of design organization for the landscape engineering , which is designing.

3. Start the project of resuming the Wangshanhu landscape inside the cave, which has been completed design and entrusting the experts to demonstration, and completed an investment of 50000 yuan. It is expected to be completed by the end of this year and completed an investment of 1,500,000 yuan.

4. Start the relocation site infrastructure construction project of the Xiangyang area of Guanzhai village disaster management project, it has been completed the preliminary measurement. It is expected to completed the off-site selection before the and of this year and completed an investment of 5,100,000 yuan.

5. The monitoring of intelligent management platform have been built, accomplished Chinese and English websites, entrance guard system, parking system, three dimensional code scanning of geoheritages, the monitoring system have covered the major geoheritages in geopark.

Strategic Partnership:

Networking with Chinese Global Geoparks such as Longhushan Global Geopark, Sanqingshan Global Geopark, Wudalianchi Global Geopark, promoting the base construction level of Land and Resources and management. Besides, signed a cooperation agreement with Huangshan Mountain and Wudalianchi Global Geopark,

being sister-geoparks and reaching the cooperation and communication on training and popularization.

Promotional activities:

It costs 20,000,000 Yuan on different aspects of promotional activities, advertisement of Zhijindong Cave broadcast on CCTV, published on newspapers even tourism publications.

4. Contacts:

Manager: Hezhengfang, gzzjd1980@163.com

Geologist: No

GGN - Geopark Annual Report 2016

1. GEOPARK IDENTITY

Geopark name, country, regional Network: **Zigong UNESCO Global Geopark (CHINA, APGN)**

Year of inscription **2008**/ Year of the last revalidation **2016**

Representative Photo (from the most important event this year)



Zigong UNESCO Global Geopark Area Extension Evaluation

2. GEOPARK FIGURES

Number of Geopark staffs: 236 staffs including 9 geoscientist(s)

Number of Visitors: 1,079,600 visitors to geopark museums and visitor centers

Number of Geopark events: 71

Geopark promotion and training course (12); Students cultural exchange program between Zigong Geopark and Hong Kong Geopark (1); Salt museum classroom (6); Salt story exhibition (12); Dinosaur education course (15); Bird watching lecture (1); Puppet show: Where did the dinosaurs go? (15); Sleepless in the museum (1); Oriental palace lecture (3); Geopark little guide (1); The fossil forum of South Silk Road (1); Geotourism activity: Cross Zigong Global Geopark (1); The academic forum of China salt history research (1); The 8th academic symposium of Cultur Alrelic Academy China (1).

Number school classes realize Geopark educational programmes: more than 20.

Number of Geopark press release: 88 in Zigong Geopark website

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2016

- A. Zigong UNESCO Global Geopark Area Extension Evaluation
- B. Complete *The investigation report of Zigong UNESCO Global Geopark*;
- C. Complete *The development plan of Zigong UNESCO Global Geopark (2016-2025)*;
- D. Complete infrastructure construction within the new geopark boundary ;
- E. Design and published new geopark materials, including multilingual geopark brochures, geopark guide books, student books (for different ages), cartoon book, electric book, 3 geopark promotion video, and 3 education video (one 4D cartoon movie, and two 3D movie).

Contribution towards GGN - Networking and Participation

- A. Participated in the 1st and the 2nd International Training Course on UNESCO Global Geoparks, delivered oral presentations;
- B. Participated in the CGN annual meeting;
- C. Participated in the 7th International Conference on UNESCO Global Geopark in English Riviera, delivered 2 oral presentations and 1 post presentation, Sun Li as the election committee member of GGN;
- D. Participated in the Symposium of China Global Geopark evaluation and revalidation, delivered oral presentation;
- E. Geopark school students exchange program with Hong Kong Geopark;
- F. Cooperation and communication within CGN members include Danxiashan Geopark, Xingwen Geopark, Dunhuang Geopark, etc.

Management and Financial status

Managed by Administration for Zigong UNESCO Global Geopark.

Financial status: income 32,830,500 CNY (including 24,153,800 tickets and 8,676,700 other income).

Geoconservation

Established 1 fossil conservation station, 1 fossil conservation village; complete new conservation panels in the extension area; continue fossil conservation material research.

Sustainable tourism (Geotourism)

Developed Shisun Valley, combined with ecological tea planting base, geological sites, cultural sites, and also leisure tourism, include 2 geopark agritainments, 1 geopark enterprise—a tea company.

New Education programmes on geoconservation, sustainable development and disaster risk reduction

A. Geopark school program; B. Geopark community training program; C. Geopark little guide program.

Strategic Partnership

23 geopark partners, include 13 local enterprises, 8 agritainments, 2 geopark schools.

Promotional activities

A. Geotourism activity: Cross Zigong Global Geopark, cooperated with tourism agencies, radio station, television station, mass media, Sina Weibo, Wechat, newspapers within Sichuan Province;

B. The 22nd Zigong International Dinosaur Lantern Festival (21st January to 8th March, 2016).

4. Contacts:

Manager: Tao Hong ziggeopark@foxmail.com

Geologist: Peng Guangzhao ziggeopark@foxmail.com