

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

Alxa Desert UNESCO Global Geopark, China, APGN

Year of inscription / Year of the last revalidation 2009/2017

Representative Photo (from the most important event this year)



(photo of geopark outdoor education activities)

2. GEOPARK FIGURES

Number of Geopark staffs: 49 staffs including 5 geoscientists

Number of Visitors: Total number of the visitors to the geopark is 450,1900 by the end of 2018.

Number of Geopark events: 9

1.We held geological science popularization activities all the year,sharing science stories and more than 20000 books and leaflets to tourists and local people.

2.The report about the impact of eco-cultural desert tourism to Badan Jaran desert lake nature reserve jointly compiled by the key laboratory of desert and desertification of Chinese academy of sciences and the school of geographic science and tourism of Shannxi normal university, was approved on April 30,2018.

3.The project report about upgraded the museum and affiliated facilities of Alxa Desert Global Geopark was approved on Feb.24,2018.

4.We support hydro-geological environment geology institute of Chinese academy of geological science to continue to finish the hydrological investigation in geopark area(Badan Jaran desert and surrounding 1:25 0000 hydro-geological survey)in 2014-2018,and,signed the agreement with Lanzhou univerisity about setting Lanzhou university field science observation experiment stations ,helping college students to do field work in our geopark.

5.Mostly finished the compilation of the guild about field survival

skill in Alxa Desert Global Geopark for primary and secondary school students in June 2018, we will revised and printed it after extensive consultation.

6.The theme of speech contest about the most beautiful Alxa-telling the story of hometown geoparl was held on April 22nd,2018.

7.the camp of outdoor practice education for Alxa Desert Global Geopark primary and secondary school students was held on April 28th 2018.

8.The series science activities called I live in Global Geopark was held on April 28th 2018 in our geopark.

9.We organized nearly 200 primary and secondary teachers and students to attend the outdoor survival training in Bandan Jaran Desert during Aug.5th to Aug. 7th.

Number school classes realize Geopark educational programmers: 41

Number of Geopark press release: 24

3. GEOPARK ACTIVITIES

Major achivements in 2018

Science popularization stepped further by organizing the various activities to attract people. Strengthen communication with sister geoparks, sharing the successful experience and good practices.

Contribution towards GGN - Networking and Participation

Take part in the 8th UNESCO Global Geoparks International Conference in Italy

Management and Financial status

Administration for ALxa UNESCO Global Geopark has 5 departments and 11 staffs, with well financial situation. The tourism revenue in 2018 is 232,197 thousand RMB, expenditure is 185,757 thousand RMB.

Geoconservation

1. Assisting the research group of the forestry department of Inner Mongolia Autonomous Region to collect and sort the basic data of key protection zoon in our geopark.

2. Patrolling and improving the sign system of our geopark including upgrading 3 billboard at the Yinchuan-Bayanhaote road, 1 poster panel at Sand Industry exhibition hall .

3. 36 times to dynamic inspection of the key geoheritage spots.

4. Updating and improving the sign and information panels in Badan jara Desert

Sustainable tourism (Geotourism)

In 2018, there are 487 restaurants and hotels, among which 15 star-rated hotels and 22 travel agencies. Over 3 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 2018; Carry out science publicity at school, community and geoheritage spots.

Strategic Partnership

Our geopark staffs visited the Danxia UGG,Zhangjiajie UGG, Keketuohai UGG and Guangwushan UGG to study and communication experience, promoting the cooperation with sister geoparks. Especially, we sent a staff to Danxia UGG to learn the organization of research and scientific activity. Meanwhile ,Fangshan, Yuntaishan, Zigong and Taishan UGGs visited our geopark , strengthening the geopark understanding and cooperation each other. We built the sister geopark with the Fangshan and Guangwushan-Nuoshuihe UGG through the field trip and indoor meeting communication, sharing the successful experience about the geopark construction and management .We still keep good cooperation with our geopark partners for the further development, such as local hotels,local tourism commodity company,camel research institute and TV station, etc.

Promotional activities

In order to promote our geopark, we upgraded 60 pieces news by geopark website and Wechat ,distributing of 5000 scientific publicity leaflet and making good use of geopark visitor centers and airport screen promotion.

4. Contacts:

Manager: Haitao Wu smgy2005@163.com

Geologist: Tian Mingzhong

GGN Annual Report 2018 | San'in Kaigan UNESCO Global Geopark, Japan



Academic Research Forum

(Minna de Osyaberi = Talking with Everyone)



1. GEOPARK IDENTITY

Geopark name, country, regional Network: San'in Kaigan UNESCO Global Geopark (Japan, APGN)

Year of inscription / Year of the last revalidation: 2010 / February 2019

2. GEOPARK FIGURES (※From January to December)

Number of Geopark staffs: 15 staffs including 1 geologists and 3 academic experts

Number of Visitors: 1,805,942 (18 core facilities including museums and visitor centers)

Number of Geopark events: 49 held by the San'in Kaigan Geopark Promotion Council; 89 held by nine constituent local governments

Number of school classes realize Geopark educational programs: 129 at elementary school; 26 at junior high school; 29 at senior high school; 49 at university

Number of Geopark press release: 28 held by the Promotion Council; 77 held by nine constituent local governments

3. GEOPARK ACTIVITIES

Major Achievements in 2018

- After Shin'onsen Town is designated as 'the ¹Kitamaebune Sea Routes' (Japan Heritage), the town becomes more popular in other parts of Japan and abroad through active local guide linked to Japan Heritage.

※¹ Kitamaebune: merchant ships and ship routes in Japan from Edo (1603-1868) to Meiji (1868-1912)

- 'Lower Maruyama river and the surrounding rice paddies' Ramsar Site has been extended. This designation contributes to raise further interest in environment conservation and preservation in the local area.

Contribution towards GGN – Networking and Participation

- Presentation at the 'UNESCO Global Geopark Regional Training Course' in Oki UNESCO Global Geopark.

- We accepted inspections from 'Salpausselka Geopark (Finland)' to exchange opinions, promoting and visualizing the GGN activities
- Poster and oral presentations at the 8th UGGp Conference. Local guide inspected the venue and posted the report to monthly town report magazine to raise local awareness of Geopark activities.
- Held forum about JGN and GGN conference to construct an effective management structure to develop the San'in Kaigan Geopark in cooperation with people who involved. We also shared the latest world's plan to develop Geopark activities.
- Participation as an official member in the International Cooperation Working Group of JGN to develop the Asia-Pacific region. This year, we helped woman handicrafts store of Qeshm Island. We also sent donation money to express our sympathy to the typhoon-affected Taiwan Geopark area, developing our partnership with the JGN and GGN.

Management and Financial Status

- Appointing a person who is familiar with the conditions of the San'in Kaigan Geopark area as Director, so that he can demonstrate his ability for a long time to coordinate with local governments as our main sponsors
- Employing a person who serves as International Relations for promoting international activities and networking
- Hold meetings with eight core facilities of San'in Kaigan to facilitate information sharing and cooperation
- Hold 'San'in Kaigan Geopark Step-up Conference' to discuss measures to ensure the sustainability of the Geopark and its future vision, with people who involve in Geopark. This year, we studied SDGs to understand what we don't archive, changing the several topic.
- Hold the monthly Prefectural-Municipal Liaison Committee to facilitate communication among the Secretariat, the constituent local governments, and academic experts. This year, we held variety of seminar in the meeting to improve the quality so that they can increase knowledge and get more motivated.
- In addition to the budget for the promotion Council (FY2018: 49,700,000 yen), the nine constituent local governments set budget for Geopark activities (FY2018: 283,676,000 yen in total). The fiscal year is from April 2018 to March 2019.

Geoconservation

- Conserved a peeled horizontal cross section sample of Kamisano volcano in Tajima Airport as new Geosite
- Since the ratification of the UNESCO Global Geoparks, we have cooperated with Ministry of the Environment to make 'the Conservation Management Plan' to comply with UNESCO's standards since 2016. Since the revision was completed, we are trying to make new business.

- Called for volunteer through SNS to pick trash up along the beach at the time of Global Geopark Revalidation Process, raising awareness of conservation and preservation of local geological heritage.
- With the raising awareness of global-scale plastic pollution, local guide hold seminar to solve the microplastic waste problem. The movement is activating in the area.

Sustainable tourism (Geotourism)

- Setting up a workshop for proposing various tour routes that connect Geosites and other areas by theme according to visitor's needs
- Cooperating with academic experts and local guide to revise 'San'in Kaigan Geopark Geosite Guidebook.'
- University researchers have developed a new walk model course in cooperation with local people so that local people can learn geological and geographic features of own local area. They have conducted geological survey for four years and discovered further attractive features (Itashino and Torokawa area)
- Work harder to accept international tourists through website, brochures and leaflets in English, Chinese (simplified / traditional), and Korean.
- Holding a series of 'Foreign Travelers Hospitality Lesson' to train guide who can communicate in non-Japanese languages with little instruction or training. This year's lesson was Chinese Travelers Hospitality Lesson and introduction of translator app / device.
- Holding AR-based 'San'in Kaigan Geopark Stamp Rally' for years to promote local train tourism in our Geopark by enhancing public awareness. This year, we brought back stamp board system to raise awareness of children and people who do not use app.

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

- 'Aoya-gaku' contest for local HS students was first held at local high school of Tottori to invigorate the regional economy based on the review of our contest. The presenters were the winner of our contest that junior and high school students propose Geopark policies and make presentations to local government staff members and education experts.
- To revitalize local area, students of Toyooka high school night class distributed guide maps at Kinosaki area to make PR of the town as 'Toyooka of bags, San'in Kaigag Geopark'. That was based on Geopark pre-learning provided by Geopark expert.
- San'in Kaigan UGGp joined one of JGN education program, 'Geopark ESD-SDGs Consortium'.

Promotional activities

- Making San'in Kaigan Geopark promotion video to be finished in FY2019
- Holding the forum, 'Minna de Osyaberi (=Talking with Everyone)' in cooperation with Tottori

- University, Tottori Prefecture and San'in Kaigan Geopark Promotion Council, aiming to exchange information with local people about the latest academic research on Geoparks
- Reopened core facility 'Tottori Sand Dunes Visitor Center' after renovation to promote the conservation and share geological diversity, offering more information and knowledges of sand dunes to visitors
 - Holding a joint exhibition to make PR activities at hands-on learning outdoor festival in metropolitan area (Osaka Outdoor Festival), resulting in strengthening partnerships with guides
 - Since the Geopark certification, we have actively engaged in promoting and networking activities strategically, to raise public awareness of Geopark through marketing research and questionnaire (Shinjyuku Gyoen National Garden PR Festival, Marugoto Kando Market in Tajima area, BSS Festival in San'in area)

Strategic Partnership

- New partnership in Tourism Group with 'Kirinnomachi Tourism Bureau', 'Toyooka Tourism Innovation', and 'General North Kyoto regional alliances, urban area promotion company' (under as alias: Kyoto by the sea DMO)'.
- 36 groups which are the official members of the San'in Kaigan Geopark Promotion Council have signed an agreement to follow the bylaw of the Promotion Council
- To strengthen mutual partnership, we create websites in non-Japanese languages to introduce sister Geopark, 'Lesvos UNESCO Global Geopark (Greece)'.
- Whole-area people engage in improving Geopark activities through accepting inspections from other Geoparks (Hagi Geopark / Japan), facilitating communication, sharing information, and holding a variety of seminar.

4. Contacts

Manager: Yukihiro Matsuura / geopark@pref.hyogo.lg.jp

Scientific Responsible (Geologist): Noritaka Matsubara / matsubara-n@stork.u-hyogo.ac.jp

Suzuka Kooriyama / Suzuka_Kooriyama@pref.hyogo.lg.jp

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

Geopark: Apuan Alps UNESCO Global Geopark (Italy, European Geoparks Network)

Year of inscription: 2011

Year of the last revalidation: 2015



2. GEOPARK FIGURES

Number of Geopark staffs: 20 staffs including 3 geoscientists.

Number of Visitors: the 2018 data count a total of 29.308 visitors considering the number of individuals visiting the tourist caves 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: 18 events held by Apuan Alps UGGp management body and 53 events held by partners

Number school classes realize Geopark educational programmes: the total number school classes is 121, for a total of 2178 students

Number of Geopark press release: 54 press releases

3. GEOPARK ACTIVITIES

- On 29th November, the Park Authority was awarded the European Charter for Sustainable Tourism in Protected Areas, in a highly-level ceremony organised in the European Parliament in Brussel (Belgium), after the successful verification visit in June.

- Opening of the new path along the Apuan Gothic Line: cultural, naturalistic and geological trail

- Opening of the photo exhibition "Apuan Alps wild lands" by Lorenzo Shoubridge (winner of the competition "Wildlife Photographer of the year" by Natural History Museum of London)

- Participation of the Geopark representatives at the EGN meetings and at 8th International GGN Conference hosted by Adamello Brenta UGGp (Italy)
- Organization of a training course in favour of a Tunisian delegation from Dahar region on Geoparks' philosophy, principles and management
- Earth Day 2018: visit of delegation from the Hong Kong UGGp (China) and Hong Kong and Macao Lions clubs for sharing experience on Geoparks' management
- Signing of Memorandum of understanding for the development of an active partnership on initiatives for the promotion, management and sustainable development of the territories and their geological heritage with the Conca de Tremp-Montesec UGGp (Spain)
- EGN magazine, issue 16, "Way-marked trails along the Gothic Line in the Apuan Alps Geopark"
- The management structure is made up of several offices and services for a total of 20 people and the operating budget for 2018 totals € 1,855,000.
- The current financial status leads to an easier management of the dynamics of spending with costs and assets optimization.
- 7th edition of fairy tales award "Angels of St. Giuliano", award in memory of the victims of the 2012 earthquake in Molise region, for spreading the knowledge about the earthquakes' prevention and disaster risk reduction
- Celebration of the International Day for Disaster Reduction with students: itinerant lesson on the risk of floods in the protected area, educational strategy of the Geopark for the safety and management of geological risks.
- Presentation of the monographic issue of Acta Apuana "In the Lands of Marble", dedicated to the sculpture from Gothic to Renaissance – from Nicola Pisano to Michelangelo.
- Promotional leaflets on paths, geosites, geotrails and facilities with UNESCO logo.
- 21st edition of the Summer Solstice Festival: paintings exhibition, music performances by artists belonging to the Puccini Festival Foundation and other local groups, tasting of typical products, magic shows and performances, trekking with Park Guides
- "Zero mile menù contest" with the participation of 10 certified facilities for the promotion of the local food and award ceremony in Pomezzana (Stazzema) including hiking tour, cooking course and tasting of typical products and dishes.
- "Natura e cultura si incontrano nel Parco", summer camps for children aged between 8

and 16 years, ten weeks during the summer on different topics to discover the Apuan Alps

4. Contacts:

Manager: Antonio Bartelletti; abartelletti@parcapuane.it

Geologist: Alessia Amorfini; aamorfini@parcapuane.it

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Aso UNESCO Global Geopark, JAPAN, APGN

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

Representative Photo:



Partnership agreement signing ceremony with Cheongsong UGGp, Korea (2018/07/14)

2. GEOPARK FIGURES

Number of Geopark staffs: 6 including 2 geoscientist

Number of Visitors:

Main facilities of Aso UGGp area; Aso Volcano Museum 51,241 (148% y/y), Michinoeki Aso 1,253,040 (107% y/y), Minami-Aso Visitor Center 23,480 (138% y/y), Soyokaze park 115,032 (104% y/y).

Major geosite; Daikanbo 802,600 (111% y/y), Oshitoishi Geosite 24,000 (135% y/y), Nabegataki Fall 231,859 (115% y/y), Ikeyama Spring 359,382 (115%y/y), Shirakawa Spring 324,015 (134% y/y)

Number of Geopark events: 47

Number school classes realize Geopark educational programmes: 64

Number of Geopark press release: 11 and Web news 26

3. GEOPARK ACTIVITIES

Major achievements in 2018:

▸Conducted geo-tours to visit some sites damaged from the Kumamoto Earthquakes in 2016 with the significant contribution geo-guide members (111%/y/y) ▸Enhancement of geopark operation (Built a sharing

system of public construction plan with government) ›Reorganize and built a story of grassland (Issued brochures for the promotion) ›Conducted seminars and field study tour for geoguide to deepen their knowledge and experience in cooperation with national government ›Prepared booklets tell the geoguides' experience of the earthquakes ›Preparation of the Ecotourism Overall Concept and Regional Licensed Guide-Interpreter Training Plan

Contribution towards GGN - Networking and Participation:

›Participation in 8th International Conference on UGGp 2018 held at Adamello-Brenta UGGp, Italy

Management and Financial status:

›New geoscientist joined to the council office ›The labor costs and other office expenses are covered by an operational profit of the fund Aso Design Center has and budgets provided from the municipalities. The project expenses are covered by national subsidy

Geoconservation:

›Started building a geosite database based on geosite records ›Conducted information sharing meetings sharing public construction plan with national and prefectural government

Sustainable tourism (Geotourism):

›Conducted geo-tours to visit sites damaged from the earthquakes ›Preparation of the Ecotourism Overall Concept

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

›Cooperation with prefectural office and municipalities regarding the Earthquake Museum Concept ›Development of new educational programs after the earthquakes

Strategic Partnership:

›Continuous partnership agreement with Hong Kong UGGp ›New partnership agreement concluded with Cheongsong UGGp ›Promotion through private companies such as installation of geopark signs and wrapping busses ›Cooperation projects and information sharing meetings with Kyushu regional geopark group

Promotional activities:

›Exhibit a geopark promotion booth at events held inside and outside of Aso ›Hosted lectures regarding calderas and earthquakes ›Provide information and write articles for various magazines ›PR through our website and SNS

4. Contacts

Manager: Shin'ichiro Ikebe, info@aso-geopark.jp

Geologist: Shin'ichiro Ikebe, Tsuneomi Kagiya, info@aso-geopark.jp

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

Geopark name, country, regional Network: [Burren and Cliffs of Moher UNESCO Global Geopark, Ireland, European Geoparks Network](#)

Year of Inscription/ year of last revalidation: [2011 / 2015](#)

Representative Photo (from the most important event this year)



National Heritage Week guided walk August 2018

2. GEOPARK FIGURES

Number of Geopark staffs: [2 \(1 full time manager, 1 full time geologist\)](#)

Number of Visitors: [1.6 million](#)

Number of Geopark events: [8 events, 8 partnership meetings with Burren Ecotourism Network. Delivery of final report for GeoparkLIFE project 2012-2017. July 2018. Production of Geopark branded “keep cup” by Burren Ecotourism Network in collaboration with local entrepreneurs and the #Love Your Cup campaign to reduce local waste. Mar 2018.](#)

Number school classes realize Geopark educational programmes: [6](#)

Number of Geopark press release [3](#)

3. GEOPARK ACTIVITIES

Major achievements in 2018: [Chambers Ireland Excellence in Local Government Sustainable Tourism Award \(National Award\)](#)

Contribution towards GGN - Networking and Participation:

- [Attended 41st EGN meeting in Karavanke/Karawanken Geopark, Slovenia/Austria March 2018](#)

Management and Financial status:

- [Continued management by Clare County Council, financial status good. Cofunding from Geological Survey Ireland to fund salary of geologist](#)

Geoconservation

- Continued support and membership of Leave No Trace code of conduct
- Erection of two new 'Respect our Heritage' signs at two archaeological/cultural sites in collaboration with landowners at Murrooghkilly. June 2018.
- Development of new integrated monitoring system for heritage sites and trails

Sustainable tourism (Geotourism):

- Continued support for Burren Ecotourism Network and externally audited Geopark Code of Practice for sustainable tourism businesses.
- Participation in EU Interreg Atlantic Geoparks Project and development of European Atlantic Geotourism Route

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

- National School visits and presentations on Geology, Sustainable Tourism and Atlantic Geoparks project.
- Global Ecologies presentations on Geology, Sustainable Tourism and Climate Change to Burren College of Art students

Strategic Partnership

- Continued partnership with Geological Survey Ireland, Burren Ecotourism Network and national and local partnerships developed through the GeoparkLIFE project.

Promotional activities

- Active social media accounts on Facebook, Twitter and Instagram, and press coverage of new fossil discoveries
- Hosted field trips of Directors of European Geological Surveys in collaboration with Geological survey Ireland. May 2018
- Facilitation of Tourism Ireland film shoot with local Geopark guide. March 2018
- Held free public events at Geosites for National Heritage Week which were promoted nationally. August 2018
- Promotion of the Geopark at the Burren Slow Food Festival in Lisdoonvarna and on social media. March 2018.

4. Contacts:

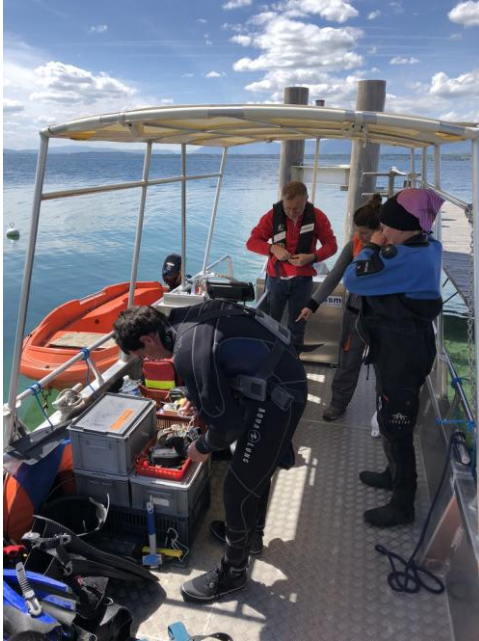
Manager: Mr. Tim Madden: tmadden@clarecoco.ie Geologist: Dr. Eamon Doyle: edoyle@clarecoco.ie

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

Chablais UNESCO Global Geopark (France, European Geopark Network)

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



Archaeologists from the national Underwater Archaeology Unit (DRASSM) led by Y Billaud surveying the Neolithic Stilt Villages of Touges, a World Heritage site and focus of much Chablais Geopark activity in 2018

2. GEOPARK FIGURES

Number of Geopark staffs: 3,5 staff including 1 geoscientist(s)

Number of Visitors: 50 000

Number of Geopark events: Organized by the Geopark 3 main events (more than 50 subevents) ; More than 20 organized by partners

Number school classes realize Geopark educational programmes : 300

Number of Geopark press release : 8

3. GEOPARK ACTIVITIES

Major achievements in 2018

- Successful launch of a new event during EGN week “(re)découvre le Chablais”

Contribution towards GGN - Networking and Participation

- Participation in the Karavanke/Karawanken UGGp EGN AC and CC meetings (2 representatives) ; Participation in the Adamello Brenta UGGp EGN AC, CC (2 representatives)
- Participation in the GGN AG at Adamello Brenta UGGp
- Article contributed to the EGN magazine ; Article contributed to the EGN newsletter

- Participation at French national Geopark committee meetings and joint initiatives

Management and Financial status

- Evolution to a full time Geopark team member (from 50%); recruitment of an assistant to the education manager for a 6-month period
- Launch of new ERAMUS+ 3-year exchange programme with Sesia Val Grande and Rokua UGGp's
- Award of financial support by the Haute Savoie Department

Geoconservation

- Project to raise awareness and improve understanding of deep dolines at Niffлон
- Archaeological monitoring and surveying of the Touges WH lake stilt village

Sustainable tourism (Geotourism)

- Winter event in the Portes du Soleil ski area (650km of pistes)
- European Geopark week : talks, geosite visits, events, games, partner events and special offers
- National Science Festival run in the Chablais area by the Geopark with workshops and talks by scientists

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

- Revision and publishing of school field trip, workshops, overnight and week long educational trips.
- Development of a new secondary school teaching programme on sustainable development with local examples

Strategic Partnership

- Renewal of the written partnership agreement with Savoie Mont Blanc Junior, an organization for promoting children's (educational or holiday) trips to the area

Promotional activities

- Relaunch of the "Visites en Chablais" tourist brochure in partnership with the Geopark; Ensuring the Geopark is referenced on large scale tourist maps ; Promotional panels of the Chablais UGGp and GGN and international UGGp's displayed during the ski game and EGN Week.

4. Contacts:

Manager: Sophie Justice coordinationgeopark@siac-chablais.fr

Geologist: Sophie Justice

GGN/EGN - Geopark Annual Report 2018

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 / 2018

Representative photo with caption (from the most important event this year)



Inauguration of the Geo biodiversity Museum

(Tommaso Pellegrino -President of National Park of Cilento, Vallo di Diano e Alburni UGG)

2. GEOPARK FIGURES

Number of Geopark staffs: 29 employees- 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. 800.000

Number of Geopark events: Clarify the events held by management body and cooperative organization 20 by Geopark and partners

Number of school classes realize Geopark educational programmes: 23 classroom and 476 students

Number of Geopark press release: mostly web and local TV and same national and local magazine

3. GEOPARK ACTIVITIES

Major achievements in 2018

- Opening of the Geo Biodiversity Museum
- The Cilento and Vallo di Diano Geopark supported by Italian Ministry of Environment has realized an activity to reduce the plastic in the territory of Geopark

- the Geopark is implementing 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
- We are worked to realize a master plane to manage all Unesco designations: an unique strategy of conservation
- Presentation of the taste network of Mediterranean diet in Milan
- Attendet to BIT (International Fair of tourism) in Milan
- Attendance to Tourism fair in Milano
- We realized the brand of CVDA UGG. The aim of this brand is to promote and support:
 1. the productions / activities / services;
 2. the environmental, social and economic quality of the resources and production processes of the area;
 3. Traditional heritage, typical productions and local handicrafts
 4. The local actors in actions aimed at building a clear territorial identity
 5. the marketing of products
 6. the origin of the product / service
 7. entrepreneurship and local employment

60 companies have been awarded with the brand of CVDA UGG

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 8th International Geoparks Conference in Adamello Brenta (Italy) on September 2018
- Attendance Italian Geoparks committee meeting

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 29 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, surveyors, and administrative employees. In 2015 was created an specyfic office of UNESCO designations and Geological heritage. The National Park - Geopark receives funds directly from the Ministry of Environment and obtains, with some project, funding from European Commission and Campania Region.

Geoconservation

- We support the activities to recover an important geoarcheological site Elea velia
- actions of dune protection " Site of Community Importance (SIC). The punta telegrafo dune geosite has an extraordinary ecological importance because it is one of the few remaining places in Italy where you can still view all microenvironments characterizing an integral dune system. Dune system is important also to protect the beach against coastal erosion. Raised walkways in wood with didactic panels to preserve coastal dunes. Realization of a vimate for the consolidation of dune cordons and to limit coastal erosion, and a pathway (pathway of love) to valorise the geosite punta telegrafo (amazing outcrop of Flysch of Cilento). Infact from this pathway you can observe a particular rock deformation related to the Southern Apennines' emplacement and the very low-grade metamorphism evident in the clayey fracture have led to hypothesize that this outcrop may represent an important element in the history prior to the construction of the Southern Apennines. The evident deformation may be attributed to the formation of an accretion prism at the cost of the sediments covering the oceanic crust during the subduction phase of the latter. In this process of collision the African plate with its thinner crust would subduct beneath the Eurasian one

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 geobiodiversity museum 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
- Agreement with Ytre Hvalr National Park in Norway, together Italian Ministry of Environment

Promotional activities

- Participation some national and international workshop to promote the Geopark. Participation in national programs television where 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: Romano Gregorio General Director direttore@cilentoediano.it

Geologist: Aniello Aloia a.aloia@cilentoediano.it

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Copper Coast UNESCO Global Geopark, Ireland, Irish Geoparks Forum, EGN.

Year of inscription 2004 / Year of the last revalidation 2015



2. GEOPARK FIGURES

Number of Geopark staffs: (4)1 full time, 1 full time seasonal, 2 part time.

Number of Visitors: 15'000 recorded at visitor centre

Number of Geopark events: 30

Number school classes realize Geopark educational programmes: 8

Number of Geopark press release: 12

3. GEOPARK ACTIVITIES

- **Major achievements in 2018:** (i) Continued participation in Atlantic Geotourism Route interreg project with 11 other Geoparks across the Atlantic area of Europe. This nearly 2 million euro ERDF funded project is a collaborative effort towards the creation of an Atlantic Geotourist route which will become a thematic trail of Geopark discovery. (ii) Development of new outreach activities such as environmental art works and guide training activities (iii) Finalization of a collaborative project with the local authority to develop Geopark
- thematic cycle trails (iv) A successful EGN week which featured over 20 events from all the communities of the Geopark. (v) Longer visitor centre opening season (increase of 2 months in season length).

-

- **Contribution towards GGN - Networking and Participation:** Two representatives attended the meeting EGN in Karawanke Geopark (Slovenia/Austria) in March 2018 as well as the EGN/GGN meeting in the Admallo Brento Geopark (Italy) in September 2018. The Copper Coast contributed towards EGN newsletters and directors of the Copper Coast were involved in several revalidation missions during 2018.
- **Management and Financial status:** The Copper Coast Geopark operates as a charity and social enterprise with a local management team and board consisting of local volunteers and community representatives. Financially, the Geopark is secure, receiving grant funding from the local authority, national Geological Survey and makes revenue from café and visitor centre operation.
- **Geoconservation:** Improved local Geopark interpretation signage was installed at geosites throughout the Copper Coast.
- **Sustainable tourism (Geotourism):** Sustainable tourism activities such as sea weed foraging tours were promoted and ran during festival events by the Copper Coast Geopark.
- **New Education programmes on geoconservation, sustainable development and disaster risk reduction:** The Copper Coast Geopark ran a number of school education programmes with local primary school students throughout the year 2018.
- **Strategic Partnership:** The Geopark continued to develop its formal partnerships with relevant local and national bodies such as Irish Geoparks Forum, Atlantic Georoute project. Locally the Copper Coast Geopark began formalising strategic partnerships with other community and non profit action groups.
- **Promotional activities:** The Copper Coast Geopark has engaged in self promotion as well as the promotion of the Geoparks network through increasing visibility of events related to the Geopark such as EGN week events as well by maintaining a presence in local and national tourism offices via leaflets. The Copper Coast Geopark has also grown its visibility in national and local press through press releases and features with journalists. The Copper Coast has also grown its social media following through active updates and innovative content.

4. Contacts: **Manager/Geologist:** Robbie Galvin, robbie@coppercoastgeopark.com

韶关市丹霞山管理委员会

2018 年度丹霞山世界地质公园工作总结

1. 公园名称 : 中国丹霞山联合国教科文组织世界地质公园, 隶属中国地质公园网络

加入年份 : 2004 上次评估 : 2016

代表性工作 : (1) 2018 年 6 月 9 日 , 丹霞山承办 2018 广东省“文化和自然遗产日·大美丹霞”活动 , 邀请了 36 友好姊妹公园代表 , 共同发表“保护自然遗产·爱护地球家园”丹霞山宣言 , 联合签约《友好姊妹公园 5 年 (2018-2023) 行动纲要》 , 推动友好姊妹公园共建、共享、共赢发展。



(2) 积极申办 2020 年第 9 届世界地质公园大会主办城市工作, 获得了国内外 50 余家机构支持 , 由韶关市长殷焕明带队参

加第 8 届世界地质公园大会开展竞评，展示和展讲丹霞山。



2. 公园数据

公园员工： 430 名包括 7 位地质专业人员

游客人数： 2,644,598 人次

公园活动数量： 自主举办科普活动 111 次、旅游和文化活动 10 次；联合举办主题活动 10 次。

接受地质公园教育项目的学校班级数量：

2018 年，组织省、市 100 余所学校的 300 名老师到丹霞山开展科普培训；11 月，启动《奇美天成丹霞山》图书漂流和科普讲座，在全国 200 所中小学开展，组织 1000 余科普志愿导师参加在线科普培训。

发布新闻数量： 全年上传了 14 条公园活动信息被 CGN 采纳；向 GGN 地质灾害工作组发送了 2 条减灾海报。

3. 地质公园主要进展

2018 年主要成绩

- 2018 年 9 月，长白山国际生态会议暨世界遗产保护与发展新机遇峰会中，世界自然联盟受联合国教科文组织世界遗产中心委托，发布了全球 2017 年度世界遗产监测报告，以丹

霞山为首的中国丹霞列入保护被评为优秀等级。

- 丹霞山三大科普品牌工作（丹霞山科普志愿者、中国丹霞进校园、丹霞山自然学校）继续创新开展。

- 2018年12月丹霞山被韶关市科学技术协会命名为“韶关市科普小镇”，并被省科技厅、省文化与旅游厅、省科学协会推荐为首批“广东省科普小镇”。

- 2018年丹霞山被中央文明办复核认定为“全国文明单位”。

GGN 网络工作参与的贡献

- 加入了 GGN 地质灾害工作组，开展两次减灾宣传；

- 2018年5月，陈昉受联合国教科文组织世界地质公园执行局选派前往奥地利阿尔卑斯卡尼克世界地质公园评估。

- 2018年6月与甘肃敦煌世界地质公园缔结友好姊妹公园，11月与韩国济州岛续约友好姊妹公园；

应镜泊湖、乐业-凤山世界地质公园邀请派员指导评估迎检工作；接待贵州织金洞、江西三清山、陕西华山、江西石城、云南高黎贡山、五大连池、鞍山千山、湖南张家界、四川九寨沟、湖南乌龙山等公园交流访问；派员参加黄山、贵州赤水、北京房山举办的科普志愿者训练营。

- 2018年6月参加在雷琼举办的第二届中国火山地质论坛；7月，丹霞山获邀参加东盟世界自然遗产保护与管理会议，并在会上作经验介绍；10月丹霞山科研团队参加在四川甘孜新龙县举办的第18届全国红层与丹霞地貌研讨会，发表2篇论文。

- 2018年8月，参加 CGN 在北京举办的中国世界地质

公园评估员、协调员会议；9月，参加在意大利举办的第8届世界地质公园大会，与韩国济州岛竞办2020年大会，在会上布设1个展台，口头展讲1篇、海报展讲4篇，并主持演讲1场，参加GGN及APGN协调员、评估员会议；11月参加在雁荡山举行的2018年度中国世界地质公园年会。

●管理和财务情况

- 在丹霞山实施了优秀的管理和严格的保护，2018年全年无旅游投诉、无安全事故、无地质灾害、无地质遗迹破坏、无生态和环境污染。

- 丹霞山预算充裕，收支平衡。收入来源于门票收入、经营收入和省、市政府拨款。

地质与生物保护

- 使用无人机监管公园292平方公里范围，建立了6个小分队12个队员，配置了6套无人机。

- 与中山大学、东华理工大学及广东省微生物研究所等科研单位合作开展，2018年5月发表柿科新种并命名为“彭华柿”，发表了一种罕见大型真菌病命名为“丹霞瘦脐菇”，发表了竹科新种命名为“丹霞刚竹”。

- 新增了10处对地质遗迹点和地质旅游步道的实时监控。

旅游业可持续发展（地学旅游）

- 完成了丹霞山景区内道路黑底化工程、外山门入口市政道路、丹霞山外山门出口改造与提升工程；4座旅游厕所、4条旅游步道升级改造；新增、更换97块旅游标识牌和14套景区公路单悬臂旅游指示标志。

- 治理翔龙湖和瑶山村地质灾害2处，清理隐患岩石

312.63 立方米，确保公园安全运转。

新的地质保护、可持续发展及减少地质灾害的教育项目

- 丹霞山自然学校推动公众尤其是青少年尊重自然、热爱自然和保护自然，认知文化、地质、生物等学科之间的有机联系。设置了不同主题的课程，以讲座、考察、制作和实验等方式，让受众深度了解丹霞山的地质、生态、人文和历史。2018年，举办了自然观察写作、观鸟大赛、天文观星节日等三场大型比赛及活动，吸引了上万青少年和公众参与。

- 出版了跟着地质学家游览世界地质公园丛书第一本《奇美天成丹霞山》，大量的自然风光和地质遗迹图片、简明易懂的解说使得这本图书备受欢迎。目前全国各地很多学校都在申请这本图书以及与之配套的科普讲座以更好地推广丹霞地貌和丹霞山世界地质公园。

战略伙伴

- 2018年，丹霞山接待中国地质大学（武汉）等20多所高校师生实习、实践60多批次4000多人；新增华南农业大学等5所高校在丹霞山建立教学实习实践基地。

- 与地方旅游、教育、国土、气象、环保、科技等部门开展合作；与无极限旅游、爱奇艺、括仓天文、脚爬客等企业建立合作伙伴关系；与中国、广东、仁化三级摄影家协会、广东省自行车协会、韶关市登山协会、仁化县民宿客栈协会等机构建立合作关系。

推广工作

- 在韶关站、广州南站、深圳北站、北京西站、北京机场航站楼等投放大型广告宣传丹霞山世界地质公园和世界自然遗产；

- 与广之旅、港中旅等 10 大龙头旅行社合作在报纸、网络以及车身发布广告；
- 与韶关市旅游局联合参加各类旅游推广活动；
- 在各高校举办 11 场“中国丹霞进校园”科普讲座，在全国各地中小学举办 50 多场《奇美天成丹霞山》图书漂流和科普讲座；
- 举办丹霞山杯”第二届“善美韶关”全国摄影大展、徒步穿越丹霞山、丹霞山山地半程马拉松等主题活动。

4. 联系人

负责人：陈昉：Danxiashanaaaa@126.com 、
398475377@qq.com

地质学专家:苏德辰 627079656@qq.com

吴振杨：2901792603@qq.com



韶关市丹霞山管理委员会



ANNUAL REPORT OF

DANXIASHAN UNESCO GLOBAL GEOPARK 2018

1. GEOPARK IDENTITY

Danxiashan UNESCO Global Geopark, China, CGN

Year of inscription: 2004

Year of the last revalidation: 2016

Representative works :

1.1.2018 Guangdong Provincial ‘Cultural and Natural Heritage Day • Beautiful Danxia’ was held by Danxiashan UGGp on June 9, 2018. Representatives from 36 sister parks were invited to attend the event for promoting the co-operation, sharing experiences and knowledge of the development of the sister parks. The ‘*Danxiashan Declaration -- Conserve the Natural Heritage, Conserve the Earth*’ and a ‘*5-Year-Action Outline for Sister Parks (2018-2023)*’ were jointly signed.

1.2 Danxiashan UGGp applied for hosting the 9th International Conference on UNESCO Global Geoparks in 2020. The application had received supports from more than 50 organizations. Mr. Yin Huanming, the Mayor of Shaoguan City led a delegation to attend the 8th International Conference in Italy, presenting the application and introducing Danxiashan.



2. GEOPARK FIGURES

2.1 Number of geopark staffs: 430 staffs including 7 geoscientists

2.2 Number of visitors (2018): 2,644,598

2.3 Number of geopark events: 111 science popularization events, 10 cultural tourism events were organized by the management authority. 10 events were organized jointly with local, provincial and national partners (e.g. CGN, sister-parks, universities, local tourism operators and cultural associations).

2.4 Number of school/classes involving Geopark educational program:

In 2018, 300 teachers from more than 100 schools in Shaoguan or other cities from Guangdong Province carried out science popularization training in Danxiashan UGGp. In November, book crossings and science popularization lectures on the theme of '*Danxiashan: Spectacular Nature in the World*' were initiated, covering 200 schools in China. More than 1,000 science popularization teachers attended the online science popularization training program.

2.5 Number of press release: 14 news scripts were released and adopted by CGN; 2 posters on disaster reduction were sent to GGN Geohazard Working Group for sharing.

3. GEOPARK ACTIVITIES

3.1 Major achievements in 2018

3.1.1 In the 2018 Changbaishan International Ecological Conference of China & Summit of New Opportunities for World Heritage Conservation and Development held in September, the *IUCN World Heritage Outlook 2: A conservation assessment of all natural World Heritage sites* was released by the IUCN. 'China Danxia' was listed as one of the 47 sites to have a "good" conservation outlook.

3.1.2 The three science popularization programs of Danxiashan were promoted. They included the programs of Danxiashan Science Popularizing Volunteers, China Danxia Science Popularization Lectures and Danxiashan Nature Academy.

3.1.3 In December 2018, Danxiashan was named as 'Science Popularization Town of Shaoguan City' by Shaoguan Association for Science and Technology. It was named as 'Science Popularization Town of Guangdong Province' as well, recommended by Department of Science and Technology of Guangdong Province, Department of Cultural and Tourism of Guangdong Province, and Guangdong Association for Science and Technology.

3.1.4 In 2018, Danxiashan was re-recognized as a 'National Civilization Unit' by the Office of Central Guidance Commission on Building Spiritual Civilization

3.2 Contributions toward GGN - networking and participation

3.2.1 Danxiashan UGGp joined the Global Geopark Network Geohazard Working Group and carried out two promotion activities of geohazard reduction.

3.2.2 Chen Fang, the deputy director of Danxiashan UGGp was chosen by GGN as an assessor and carried revalidation mission in Carnic Alps UGGp of Austria.

3.2.3 Danxiashan UGGp established the sister park relationship with Gansu Dunhuang UGGp in June 2018 and extended the Agreement of Sister Park Relationship with Jeju Island of Korea.

Danxiashan was also invited by Jingpohu UGGp and Leye-Fengshan UGGp, Danxiashan Administrative Committee sent staff to give advice on their coming revalidation. Arranged for the exchange and visits from different parks including Guizhou Zhijindong, Jiangxi Sanqingshan, Shanxi Huashan, Jiangxi Shicheng, Yunnan Gaoligongshan, Wudalianchi, Anshan Qianshan, Hunan Zhangjiajie, Sichuan Jiuzhaigou, Hunan Wulongshan, etc. Staff were sent to attend the Science Popularization Volunteers Training Camps organized by Huangshan, Guizhou Chishui, and Beijing Fangshan Parks.

3.2.4 In June 2018, Danxiashan attended the 2nd Chinese Volcanic Geoparks Forum in Leiqiong. In July, attended ASEAN Conference on World Natural Heritage Protection and Management and was invited to share the experience of Danxiashan. In October, Danxiashan science research team attended the 18th National Academic Symposium of Red Beds and Danxia Landform held in Xinlong County, Ganzi, Sichuan Province. Two papers were published in this symposium.

3.2.5 In August 2018, Danxiashan attended the CGN Assessors and Coordinators Conference in Beijing. In September, it also attended the 8th International Conference on UNESCO Global Geoparks in Italy. During the conference, the geopark competed with Jeju Island of Korea for hosting the 2020 Conference. It set up one booth, carried out an oral presentation and did four poster presentations. It also hosted one workshop, and attended GGN and APGN Coordinators and Assessors Meetings. In November, Danxiashan attended 2018 China UNESCO Global Geoparks Annual Conference in Yandangshan.

3.3 Management and financial status

3.3.1 In 2018, Danxiashan was recognized as the National Civilization Unit by the Central Civilization Office.

3.3.2 The efficient management was determined to impose strict protection measures in the geopark and had achieved outstanding targets of ‘zero tourists’ complaints’, ‘zero safety accidents’, ‘zero geosites damage’ and ‘zero environment pollution’ in 2018.

3.3.3 Danxiashan had a well-balanced financial status and sound budget. Revenue were derived from ticket sale and profitable returns from investment by the Government of Shaoguan City

and Guangdong Province.

3.4 Geoconservation

3.4.1 The geopark applied Used Unmanned Aerial Vehicle (UAV) to monitor the 292 km² of Danxiashan UGGp. There were six monitoring teams staffed by 12 experienced members and equipped with six sets of the most advanced and latest DJI drones.

3.4.2 The geopark cooperated with Sun Yat-Sen University, East China University of Technology and Guangdong Institute of Microbiology and published a new species of *Diospyros* (named: *Diospyros Penghuae*) in May, a new rare bryophilous agaric (named: *Rickenella danxiashanensis*), and a new species of *Phyllostachys* (named: *Phyllostachys Danxia*).

3.4.3 It also added ten CCTVs at selected geosites and along the geotrails for monitoring and preventing potential geohazard.

3.5 Sustainable tourism (Geotourism)

3.5.1 The concrete pavement in the scenic area was completed. The road from the outer gate to the park, the exit of the outer gate, 4 toilets, and 4 trails had been upgraded. Ninety-seven interpretive signs and 14 sets of direction signs along the road in the park had been changed and updated.

3.5.2 The management had dealt with 2 incidents of geological hazards disasters in Xianglonghu and Yaoshan Village which included cleaning up rocks and debris of a total size of 312.63 m³ with potential danger to ensure the safety for tourists.

3.6 New education programs on geoconservation, sustainable development and disaster risk reduction

3.6.1 Danxiashan Nature Academy promoted and educated the public particularly the young people, to respect, love and protect Nature as well as to recognize the connections between different subjects such as culture, geology and biology. Courses with different themes were hold to provide better understanding of the geology, ecology, culture and history of Danxiashan. They were in forms of lectures, field trips, experiments and making handicraft. In 2018, three major events including Nature Observation Writing Contest, Bird Observing Contest and Astronomical Stargazing Festival, were organized and were able to attract tens of thousands of young people and the public to participate.

3.6.2 A new book named '*Danxiashan: Spectacular Nature in the World*' by Prof. Su Dechen, the Geoscientist of Danxiashan was published. This was the first of the series book *Visiting UGGps: Guided by Geoscientists*. The book contained large number of beautiful nature and

geosite pictures, simple explanation to appeal the general public. Many schools all over China are using this book to promote geoscience, danxia landform and Danxiashan UGGp.

3.7 Strategic Partnership

3.7.1 In 2018, Danxiashan UGGp received over 60 teams, with a total of over 4,000 students and teachers from 20 universities including China University of Geoscience (Wuhan) to come to the geopark for internship and study. Five universities including South China Agricultural University accredited Danxiashan UGGp as their Teaching and Internship Bases.

3.7.2 Danxiashan continued to work closely with local governmental departments of tourism, education, land, meteorology, environmental protection, science and technology. It also established cooperative partnership with enterprises including Infinity Travel, Ltd., Aiqily, Ltd., Kuo Cang Optics, Ltd., Geoparker, Ltd. and many others. It co-operated with various organizations such as Associations for Photographers in China, Guangdong and Renhua, Guangdong Bicycle Association, Shaoguan Mountaineers Association, Renhua Guesthouses & Inns Association in organizing many different activities to promote the geopark.

3.8 Promotional activities

3.8.1 Prominent advertisements of Danxiashan UGGp and World Natural Heritage could be sighted at major railway stations at Shaoguan, Shenzhen North, Guangzhou South, Beijing West and Beijing International Airport. They were in form of large display boards with attractive scenery and were very effective to lure tourists and increase the visibility of Danxiashan UGGp.

3.8.2 Danxiashan co-operated with 10 leading travel agencies including Guangzhilv Ltd., China Traveller of Hong Kong Ltd, to advertise on newspapers, social media and buses.

3.8.3 It joined in all major tourism exhibitions together with the Shaoguan Tourism Administration.

3.8.4 It hosted 11 lectures through the ‘China Danxia Science Popularization Lectures’ Program in universities. More than 50 book crossings and science popularization lectures on the theme of ‘Danxiashan Spectacular Nature in the World’ were held in schools nationwide.

3.8.5 Thematic activities such as ‘Danxiashan Cup’ the 2nd National Photography Exhibition, Hiking through Danxiashan and Danxiashan Mountain Half Marathon were organised and were welcomed by the public.

4. CONTACTS

Manager: Chen Fang danxiashanaaaa@126.com 398475377@qq.com

Geologists: Su Dechen 627079656@qq.com Wu Zhenyang 2901792603@qq.com

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Dong Van karst plateau Unesco global geopark, Viet Nam, Asia Pacific Geoparks Network

Year of inscription / Year of the last revalidation: inscription: 2010; last revalidation: 2018

Representative Photo (from the most important event this year)



2. GEOPARK FIGURES

Number of Geopark staffs: 25 staffs including 3 geoscientists

Number of Visitors: 800.000+

Number of Geopark events: Geopark Marathon; Mong Ethnic Cultural Festival; Lunar New Year Holyday; Khau Vai Love fair; Mong ethnic Panpipe Festival, .etc.

Number school classes realize Geopark educational programmes: 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

- Major achievements in 2018: Revalidation success (the UGGpC decided to award a green card)
- Contribution towards GGN - Networking and Participation: Attending 8th International Conference on UNESCO Global Geoparks; Fulfilled GGN annual fee responsibility; Having connected with Les Maures Geopark, France; Provide leaflets for exhibition of Hantangang River Geopark, Korea; Support for film crew of Mr. Min Huh (Chairman of Korea Geopark Network) .etc.
- Management and Financial status: In good Management and Financial status
- Geoconservation: All Geosites are well protected
- Sustainable tourism (Geotourism): More Geosites are included in tourism with better interpretations
- New Education programmes on geoconservation, sustainable development and disaster risk reduction:
 - + Education programme is expanded with new audiences: local peoples, school and visitors
 - + Disaster risk reduction conference for students (13 October)
- Strategic Partnership: Having Strategic Partnership with 2 UGG, 3 National Geoparks, 40+ other Organization (Transportation Companies, Hotels, Restaurants, schools, Universities...)
- Promotional activities: Many Promotional programmes on media, TV, newspaper, on plane (of Vietnam Airline), events, publications, panel system, fairs. .etc.

4. Contacts:

Manager:

Lam Tien Manh

tienmanhtccb@gmail.com

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

hoangxuandon@gmail.com (for English)

Geologist:

Full time: Tran Xuan Thao (thaottx.bql@gmail.com)

Part time:

Tran Tan Van (trantv@gmail.com)

Do Yen Ngoc (yenngoc1968@gmail.com)

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

Gea Norvegica UNESCO Global Geopark, Norway, EGN 2006 / 2017



Photo: "The painter Theodor Kittelsen and the secret of the moraine island"

2. GEOPARK FIGURES

Number of Geopark staff: Five staff members including three geologists

Number of Visitors: Entrance to all Geopark localities are free of charge and not countable at the moment. Participants on organised tours (950)

Number of Geopark events: 40 guided tours and 15 outdoor and indoor events

Number school classes realize Geopark educational programmes: 20 school classes

Number of Geopark press releases: 15

3. GEOPARK ACTIVITIES

Major achievements in 2018.

- Two new exhibitions in collaboration with DuVerden science centre at their facilities and further development of the Geoparks visitors centre, including collective exhibitions with Telemark Museum.

Contribution towards GGN - Networking and Participation

- Participation in the EGN AC and CC meeting in Karavanke/Karawanken Geopark, Austria/Slovenia and EGN AC and CC meeting and the GGN conference in Adamello Brenta UGGP Italy.
- Manager is vice coordinator in EGN and treasure in GGN. Several Skype meetings with GGN ExB and meetings with other Global Geoparks and Geopark projects.
- UGG Council meeting in Adamello Brenta,
- Four revalidation mission: UK, Kazakhstan, and two in China

Management and Financial status

- Gea Norvegica Geopark is an inter-municipal company. The Geopark is owned by seven 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 three 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

- Marine litter project – hundreds of students has learned about, collected and registered marine waste along our coast.
- Educational programs on natural disasters both focused towards kids and adults, at DuVerden science centre and Folque Pub – respectively.

Strategic Partnership

- Partnerships with local enterprises and hotels. Norwegian University of Life Sciences, University of Oslo, Natural history Museum. Friluftsrådet, University of South East Norway, Telemark museum, Århus Farm and DuVerden science centre.

Promotional activities

- Program for guided tours, general leaflets, website, Newsletter Facebook and Instagram.

4. Contacts: Kristin Rangnes kristin.rangnes@geanor.no Ingeborg Klepp ingeborg.klepp@geanor.no

GGN – Geopark Annual Report 2018

1. GEOPARK IDENTITY

Geopark name: Hong Kong UNESCO Global Geopark (HKUGGp)

Country: China

Geopark networks: Global Geoparks Network (GGN), Asia Pacific Geoparks Network (APGN) and Chinese Geoparks Network (CGN)

Year of inscription: 2011

Last revalidation: 2017

Representative Photo



International Travel Expo 2018 Hong Kong co-organised with Global Geoparks Network

2. GEOPARK FIGURES

No. of geopark staff: 24 staff including 3 geoscientists

No. of visitors: stable at around 1.5 million per year

No. of geopark events: 16 events held by the management body and 24 events co-organised with cooperative organizations (Annex I)

No. of educational programmes: 74 geopark school activities covering classes in primary schools, high schools and universities

No. of geopark press releases: around 150

3. GEOPARK ACTIVITIES

The major achievements in the reporting period were as follows:

Contribution to GGN – Networking and Participation

HKUGGp recognises the important role and function of networking and partnership in geopark networks. To facilitate knowledge exchange and experience sharing, we co-organised and participated in a series of networking and promotional activities, including the following:

- (i) the 4th Geoscience Capacity Building Workshop, co-organised with the Ministry of Natural Resources (MNR) of the People's Republic of China (PRC) in HKUGGp;
- (ii) an exchange programme with the European Geoparks Network (EGN), co-organised with the Japanese Geoparks Network (JGN);
- (iii) the 8th International Conference on UNESCO Global Geoparks (UGGp), held in Adamello Brenta UGGp, Italy; and
- (iv) the Tourism Working Group of the GGN.

Management and Financial Status

The management and financial status of HKUGGp remained stable, with an annual recurrent budget of US\$3.74 million. 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 extending from the northeast New Territories to the Sai Kung area, HKUGGp is a single entity, where sites and landscapes of international significance are holistically managed with the support of local communities and other geopark stakeholders. The most sensitive areas of ecological, historical and geological significance are protected and managed under the prevailing legal framework of Hong Kong.

Sustainable Tourism (Geotourism)

HKUGGp has received 1.4 to 1.5 million local and overseas visitors each year for the past five years, and the number is expected to increase. HKUGGp continued to work closely with the tourism industry and geopark communities to co-organize capacity training and the promotion of sustainable and responsible tourism activities. Currently, HKUGGp has 46 geopark guides.

To enrich the visitor experience, training opportunities on cultural heritage and site visits to Lai Chi Wo were offered to deepen and diversify the knowledge of the geopark guides. To further enhance accessibility of the HKUGGp, a new minibus service between Pak Tam Chung and the East Dam of the High Island Geo-trail in Sai Kung, and a new kaito ferry service between Ma Liu Shui, Kat O and Ap Chau in the northeast region were launched in July and September 2018, respectively.

New Education Programmes on Geoconservation

To promote earth science and enhance public awareness of the importance of nature conservation, in addition to the annual HKUGGp School Programme, we continued to host all-round science-popularisation activities, including (i) a student-exchange programme, co-organized with Unzen Volcanic Area UGGp and Itoigawa UGGp of Japan; (ii) an internship programme for full-time undergraduate students of local universities; and (iii) guided cultural tours to geo-sites and historical villages in HKUGGp.

Strategic Partnerships

We routinely reviewed and updated our guidelines on partnership arrangements with local stakeholders, taking into account the requirements and recommendations of the GGN, the natural and cultural environment of HKUGGp, and the socio-economic needs of the local communities. In collaboration with relevant geopark stakeholders, HKUGGp continued to support, promote and in some cases operate geo-education, geo-conservation, socio-economic and cultural development initiatives. The HKUGGp School Programme, the Recommended Geopark Guide system, and the capacity-building opportunities offered to the geopark communities in the Northeast New Territories Sedimentary Rock Region were some of the highlights.

The trained villagers in Ap Chau and Sam Mun Tsai were actively engaged in geopark activities and continued to deliver guided tours in 2018. In addition, we continued to engage non-government organisations to promote nature conservation and manage rural areas with an innovative mindset. In addition to the “Sustainable Lai Chi Wo Project”, the Chief Executive’s Community Project, and the

Management Agreement Scheme in Lai Chi Wo, a new Ap Chau Story Room was established and opened to the public in April 2018.

Promotional Activities

We collaborated with geopark partners, local operators and communities in the following promotional activities in 2018:

- (i) staging a GGN-themed pavilion and two forums at International Travel Expo 2018 from 14 to 17 June 2018 to promote UNESCO Global Geoparks as sustainable tourism destinations;
- (ii) organising media tours and an opening ceremony, and publicising new leaflets on the Ap Chau Story Room and the Ap Chau geo-site;
- (iii) unveiling the design of new banknotes and an educational mobile application featuring HKUGGp;
- (iv) participating in “Sai Kung Carnival 3.3” to promote HKUGGp in a fun fair;
- (v) publishing a brand-new *Great Outdoors Hong Kong* guidebook for 2018/19; and
- (vi) organising engagement visits with Hong Kong District Councils to promote the geopark concept and to solicit their support for the continued development of HKUGGp.

4. CONTACTS

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

Geologist: Mr. Alvin S.P. NG; alvin_sp_ng@afcd.gov.hk

Annex I - Geopark Events in 2018

Events held by management body

Month	Event
Jan	Yuen Long District Council visit
Jan	Wars Relics Training for Geopark staff and Geopark Hotel at Wong Nai Chung
Mar	Culture heritage training for Geopark Guides
Mar	Law Ting Pong Secondary School student exchange to JGN
Mar	Interpretation Training for Ap Chau villagers
Apr	Overseas exchange tour to EGN (HKUGGp & Lions Nature Education Fund)
Apr	Tourism Commission visit to High Island
Apr	Ap Chau press tour
Apr	Training for Geopark Guides at Ap Chau and Lai Chi Wo
Jun	International Travel Expo
Jun	Fung Yiu King Memorial Secondary School student exchange to JGN
Jul	True Light Middle School of HK student exchange to Arxan UGGp, China
Aug	Unzen UGGp student exchange to HKUGGp
Aug	Itoigawa UGGp student exchange to HKUGGp
Oct	Central and West District Council visit
Nov	Marymount Primary School student exchange to JGN

Events co-organised with cooperative organisations

Month	Event
Jan	Lecture for Vocational Training Council
Feb	Lai Chi Wo Spring Reception
Mar	Sai Kung Carnival 3.3
Apr	Opening ceremony of Ap Chau Story Room
Apr	Science popularisation capacity building workshop
Jun	Fukui Public Forum (JGN activity)
Jul	Promotion of HKUGGp in Hong Kong Tourism Board, Japan Office
Jul	Publicity for Geopark themed banknote
Jul	VIP visit to Kau Sai Chau (promotion of local community sustainable development)
Aug	Visit of Wakayama's Vice Governor to HKUGGp
Aug - Sep	Radio Television Hong Kong HKUGGp Programme (4 times)
Sep	Launch of Kat O / Ap Chau Ferry
Sep	Lecture for students of China University of Geosciences (Beijing)
Sep	JGN exchange tour to EGN
Sep - Oct	Typhoon Mangkhut volunteer recovery work (5 times)
Dec	Herbal Plant Training for Geopark Guides and Communities
Dec	Temple Culture Training for Geopark Guides

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

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

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: 903, including 4 geologists

Number of Visitors: 3.38 million

Number of Geopark events: 25

- (1).Photo exhibition of "Full love in Huangshan" by Li Songmao (March)
- (2).With the theme of "Treasuring Natural Resources, Protecting Beautiful Territories - Telling the Stories of Huangshan Mountain", a series of activities were held on the Earth Day (April)
- (3)."Fantasy Huangshan, Beautiful Home" photo exhibitions were held in Tsinghua University, Peking University and China University of Geosciences (Beijing) (from April to June)
- (4).For the China Tourism Day, activity of one pass for a whole visit in Huangshan was launched, attracting more than 20,000 Chinese and foreign tourists (May)
- (5).Forum on the protection and management of World Heritage Sites and China's scenic spots (May)
- (6).The second International Study Tourism Festival of China (Huangshan) (from May to

September)

- (7).Promotional activity for the World Museum Day (May)
- (8).The Singing Competition of "Singing the New Era and Building the Chinese Dream Together" (June)
- (9).Promotional activity for the World Environment Day (June)
- (10).Baking training for female workers (June)
- (11).Volunteer training camp for education (August)
- (12).The activity of "100 artists painted Huangshan" (August)
- (13).Summer social practice for doctoral students from Tsinghua University (from July to August)
- (14).Promotional campaign of "Golden September Welfare Week" (September)
- (15).Attending the 2018 annual meeting of the Asian Committee of IUCN (September)
- (16).Propaganda activities for National Science Popularization Day (September)
- (17).Education activity on China Cultural and Natural Heritage Day was held in the community school (October)
- (18). The 2018 National Mountaineering and Fitness Conference, the 14th China Huangshan International Mountaineering Conference, the Huangshan International Mountainous Marathon 2018 were successfully held.(October)
- (19).Promotional activities for the International Day for Disaster Reduction (October)
- (20). The theme photography exhibition of "Natural Gift Huangshan" was successfully held in China Geological Museum (October)
- (21). The third UNESCO Huangshan Dialogue on Heritage and Sustainable Development (November)
- (22).Study tour for primary and secondary school students in the surrounding communities of Huangshan (November)
- (23).The inaugural meeting of the Mountain Branch of China Tourist Scenic Area Association and the third Summit of tourism investment and development of Huangshan were held (December)
- (24). Photography exhibition of "Dream Huangshan Beautiful Home" was successfully held in Lesvos Island UGGp, Greece (December)
- (25). Training on study tour for teachers in geography, biology in Huangshan City (December)

Number school classes realize Geopark educational programmes:50

Number of Geopark press release: 9 Chinese newsletters and 1 English newsletter

3. GEOPARK ACTIVITIES

Major achievements in 2018

- (1).Held activities for the 10th Anniversary of twinning between Huangshan UGGp and Lesvos Island UGGp in China and Greece

- (2). Visitor number: 33.88 million, Income: 2.974 billion yuan
- (3). The third UNESCO Huangshan Dialogue on Heritage and Sustainable Development was held
- (4). Complete the revision of Huangshan Geopark Plan
- (5). Continuous realization of 39 years without forest fires

Contribution towards GGN - Networking and Participation

- (1).Huangshan UGGp and Shennongjia UGGp were signed as sister parks (July)
- (2).Participated in field assessment of Molina Alto Tajo UGGp in Spain (August)
- (3).Attend the UNESCO World Geopark Conference in Italy. September
- (4).The photography exhibition on the theme of "Nature Gift Huangshan" was held jointly with China Geological Museum, Lesvos Island UGGp, Greece and Anhui Geological Museum (October)
- (5).Attend the 4th UNESCO International Training Course in Beijing (October)
- (6).Participated in the seminar on sustainable development of UGGp held by Ningde UGGp and shared Huangshan experience (November)
- (7). Participated in the 2018 annual meeting of China UGGp held by Yandangshan UGGp (November)
- (8). Carried out exchange activities in Lesvos Island UGGp, Greece and photo exhibition of "Dream Huangshan Beautiful Home".

Management and Financial status

Management: 30 newly hired professional managers.

Financial report: A total of 33.88 million tourists were received. 2.974 billion yuan in operating income and 352 million yuan in tax delivery.

Geoconservation

- (1). Conducted 26 regular patrols in the geopark
- (2). Completed the emergency management of landslides and geological hazards in Sanxikou Pengtoushi section in the West Gate District and the conservation project for water and soil in Bailongqiao section of Hot Spring District.
- (3). Completed the geoheritage renewal project
- (4). Established the monitoring system of Huangshan World Heritage Site
- (5). Conducted comprehensive environmental control project in Tianhai section
- (6). Completed the revision of Huangshan Geopark Plan
- (7). Carried out forest protection, fire prevention, monitoring and patrol activities with surrounding communities and assessed the effect of protection to ensure the rights and interests of community residents.

Sustainable tourism (Geotourism)

- (1).Public toilets, sightseeing trails and signs have been upgraded and renovated.

Reconstruction of wireless network and intelligent video surveillance system have been completed.

(2).The real-name ticket-booking, mobile phone scanner and face recognition system have been tried out.

(3).The main structure of the environmental renovation in Tianhai Scenic Area has been completed.

(4).Public propaganda and education activities of "sustainable tourism development" have been carried out in schools and communities to promote the practical experience of sustainable tourism development in Huangshan.

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

(1).Carried out a series of education activities on World Earth Day and propaganda activities and research tours in community schools.

(2).Successfully organized the 2018 volunteer training camp for education. 25 volunteers from 20 universities and institutions have popularized scientific knowledge about Huangshan in various ways. They have wrote 11 travel notes, 16 science popularization articles, made 2 propaganda videos and gave 2 University lectures.

Strategic Partnership

Tsinghua University, China University of Geology (Wuhan), Nanjing University, Nanjing Forestry University, No. 332 Geological Team of Anhui Province for geological researches, Anhui Geology Museum, Fliggy, Ctrip, Lvmama, Zhaixi Primary School

Promotional activities

(1).Temporary activity of free entrance for local people

(2).The second China Huangshan Study Tour Festival

(3). Activity of one pass for a whole visit in Huangshan on China Tourism Day

(4).Theme concessional activities of Golden September Welfare Week

(5).The third Summit of tourism investment and development of Huangshan

(6). Regularly update news on Sina Weibo, Wechat public account and Geopark

4. Contacts:

Manager: Liu Yiju Email: Chinahsgeopark@163.com

Scientific Responsible (Geologist):

Li Wei Email: 37561435@qq.com

Chen Runze Email: novemch2013@gmail.com

Miu Peng Email: 273046069@qq.com

Wu Jun Email: 282938176@qq.com

GGN/EGN - Geopark Annual Report 2018



1. GEOPARK IDENTITY

Geopark name, country, regional Network:

Katla UNESCO Global Geopark, Iceland, European Geoparks Network

Year of inscription / Year of the last revalidation:

2011 / 2017



Katla Conference in Vík regarding 100 years from the last eruption in Katla Volcano, 12th of October 1918

2. GEOPARK FIGURES

Number of Geopark staffs:

3 staff members full time, 3 staff members part time - among them are 2 geologists

Number of visitors:

Total number of visitors to Southern Iceland in 2018 is approximately 1.5 million.

Number of Geopark events:

At least 25 events. The Katla Conference in October 2018 (1), the Rainbow Festival (1), festivities related to the 100th year anniversary of the birth of the Skaffellingur trade vessel (1), various events during the Spring Festival (22 events, f.eg. : the trail run at geosite Hjörleifshöfði, treasure hunt with Vatnajökull National Park, hike with park rangers in Dyrhólaey Nature Reserve and geosite, various concerts by certified partners, hikes with a local trekking company, zipline adventure tour, photography and art exhibitions, etc).

Number of school classes realize Geopark educational programmes:

Written agreements with two primary schools, Geoschools, operating within the Geopark.

Number of Geopark press release:

Approximately 10.

Regarding revalidation: 2

Regarding spring festival: 2-3

Regarding Whimbrel festival: 2-3

Regarding Katla conference: quite a few. Approximately 5-10 including a short presentation on the national news and radio.

3. GEOPARK ACTIVITIES**Major achievements in 2018**

- Receiving revalidation (green card) in January
- 350-400 participant conference about the 100 year eruption anniversary from last big eruption in Katla Volcano 1918.
- Spring Festival of Katla Geopark, 22 events during 30 days! – (an extended version of the geoweek)
- More signage being put up, nature signs put up through volunteer program
- First world migratory bird day celebrated on the 12th of May - Whimbrel festival
- Assisting partner organization with an event for the 100th year anniversary of the trading ship vessel Skaftfellingur. 150 attendees approximately.
- First published book in cooperation with a history professor concerning historical tellings of the Katla Volcano eruption history occurring between years 1650-1860.
- Funding acquired through grant program for the Geoschool project.
- Publishing of the Katla Geopark Destination Management Plan.

Contribution towards GGN - Networking and participation

- Ruritage project, cooperation project with many partners from many countries.
- GeoVR/Geomuseum project with Magma Geopark, Jarðfengi Faroes and Ilulissat Ice Fjord World Heritage Site.
- Drifting Apart – end of project in February. Conference.
- 2 articles in the newsletter EGN.
- Meetings GGN in Adamello and EGN Karawanken
- Welcoming visitors from Russia

- ASCENT project. Cooperation with The Icelandic Soil Conservation Service of Iceland and Mourne Heritage trust in N-Ireland
- Paper presented on 8th International Conference on UNESCO Global Geoparks (Climate Change and Geohazards)

Management and Financial Status

- Receiving annual funding from the 3 municipalities
- Receiving governmental funding (2017-2021)
- Receiving specific funds for specific projects (spring festival, publishing book, Geoschools)

Geoconservation

- Signage put up in multiple locations around the geopark (20+) for conservation of nature; fragile moss and nesting grounds.
- Closing and protecting of certain geosites (Skógaheiði and Fjaðrárgljúfur) due to fragile vegetation.
- Limitation of accessibility of the geosite Dyrhólaey due to protection of nesting birds in spring.

Sustainable tourism (Geotourism)

- Destination Management Plan for Katla Geopark published and introduced.

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

- Special program at the Katla Conference for the 2 formal geoschools and one additional school, educating students about natural hazards and monitoring of that.

Strategic partnership

- Written agreements with two new partner companies from Katla Geopark.

Promotional activities

- Participating in Mannamót, the largest tourism fair for Icelandic travel companies.
- Participating in Mid-Atlantic, Icelandair tourism fair intended for international travel companies.
- Great recognition and visibility through the Katla Conference in Vík.

4. CONTACTS

Manager: Berglind Sigmundsdóttir, berglind@katlageopark.is

Geologist: Hörður Bjarni Harðarsson, hordur@katlageopark.is

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Kula UNESCO Global Geopark, TURKEY, European Geoparks Network

Year of inscription / Year of the last revalidation:2013 / 2017



Fig 1:A group of teacher of earth science from all over the Turkey, visiting the Kula UNESCO Global Geopark within the scope of TUBITAK Nature Education Projects.

2. GEOPARK FIGURES

Number of Geopark staffs (including two geoscientists):12

Number of visitors: 91000.

Number of Geopark events: Clarify the events held by management body and cooperative organization(30)

Number of school classes realize Geopark educational programmes:(40)

- Students from summer schools were trained on Geopark.
- Geopark trips were organized to primary school students from different schools.
- Seminars were given on the importance of geoparks in high schools and universities.

Number of Geopark press releases: (85)

Kula Geopark has been broadcasted 20 times in national and 65 times in local press.

3. GEOPARK ACTIVITIES

Major achievements in 2018-

- Kula Geopark boundaries were modified by less than 10% and an application was made to UGGpC for approval.
- The area of Kula Geopark has been extended from 930km² to 2300². Within the scope of this work, some new geosites were defined and included in the newly defined geopark area and a full extension dossier was prepared and UGGpC was applied to for validation.
- A partnership agreement was signed with **Turkish Geomorphology Association** and also with the **Turkish Geography Association** to promote and support all kind of scientific investigations and activities in Kula Geopark area.
- Within the scope of *TUBITAK Nature Education Projects*, an introductory seminar on geoparks was given to 30 students from the various universities and 30 teachers from public schools.
- 20 women belonging to the *Hanumeli women's Association* were trained on geo-tourism, geo product preparation, promotion and sales.
- Kula Geopark staff took part with and contributed to an **international earth science project** entitled "Pleistocene environments of the Gediz valley" led by Prof. Darrel Maddy, from Newcastle University-United Kingdom, undertook in the Geopark area.
- With the co-operation of Kula Geopark staff an **international earth science project** entitled "Temperate Mediterranean Badlands" led by Dr. Jeroen Schoorl from Wageningen University-Netherlands was successfully completed in the geopark area.

Contribution towards GGN - Networking and participation

- Four representatives from the Kula UNESCO Global Geopark participated in the 8th International UNESCO Global Geoparks Conference held in Italy.
- As Kula Geopark's coordinators, Prof. Tuncer DEMİR and Dr. Serdar AYTAÇ participated in seminars titled "Coordinators of the UNESCO Global Geopark on the International Intensive Course on Sustainability and Geo-Heritage Conservation" on Lesbos Island of Greece.
- Kula Geopark's representatives Dr. Serdar AYTAÇ and Yiğit Karakuzu attended the International Workshop on UNESCO Global Geoparks workshop held in Iran. (Qeshm Island UNESCO Global Geopark).
- **A Sistership agreement was completed between the Kula Global Geopark (Turkey) and Conca de Tremp–Montsec UNESCO Global Geopark (Spain).**
- An article entitled "Cooperation agreement between Kula UNESCO Global Geopark (Turkey) and

Conca de Tremp – Montsec UNESCO Global Geopark (Spain)" was published in GGN Newsletter 13.

- Within the scope of a Ruruitage project entitled "Madra Mountain Geotourism Geopark Project of Izmir Metropolitan Municipality" we made a stakeholder agreement with the Izmir Metropolitan Municipality.

Management and Financial Status

- The number of Geopark staff in 2017 was only 3 but has increased to 12 in 2018.
- The management plan of the Geopark was completed.
- Land was allocated by the state to build a new Geopark museum within the geopark area.
- Land was allocated by the state to build a new visitor centre in Adala-Salihli.
- The information and guidance panels within the Geopark area have been replaced.
- A Cell phone application was developed for use by geopark visitors.

Geoconservation

- In order to monitor geo-protection and to protect geosites, three new staff were employed.

Sustainable tourism (Geotourism)

- In order to develop sustainable tourism, partnership agreements have been made with businesses that are directly related to tourism (some hotels, restaurants and souvenir shops).
- In order to determine the tourism potential of Kula Geopark and the attitudes of tourism stakeholders about the geopark, an agreement was signed with Dr. Cemali Sarı from Akdeniz University, Geography Department.
- A project has been signed with Prof. Mustafa Ertürk from Akdeniz University, Geography Department to determine cultural and ecological awareness of the local people about the geopark.

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

- Geopark tours were organized in order to introduce geoparks to the tour companies in the surrounding cities and districts.
- In order to raise their awareness on geopark issue, Geopark tours were organized for the tour and tourist guides who were working in the region.
- In order to raise their awareness of geopark, Geopark tours were organized for the tour and tourist guides who have been working in the region.
- A training seminar on geoparks and tourism was given to the tourism enterprises from the surrounding provinces.

- Partners of the Kula Global Geopark were trained on Geopark.
- Primary school students were trained on natural disasters.

Strategic partnership

- A partnership agreement was signed with Anemon hotels chain. According to this agreement, Kula Geopark will be promoted at 32 Anemon hotels throughout Turkey.

Promotional activities

- A documentary was produced to introduce Kula Geopark in national and international platforms.
- Kula Geopark was introduced in some national radio and television channels.

4. CONTACTS

Manager:

YiğitKarakuzu

yigitkarakuzu@gmail.com

Geologist:

Prof. Dr. Tuncer DEMİR

tuncerdemir20@hotmail.com,

Dr. AhmetSerdar AYTAC

aserdaraytac@yahoo.com

Lushan UNESCO Global Geopark Annual Report 2018

1. GEOPARK IDENTITY

Lushan UNESCO Global Geopark/China/APGN

Year of inscription / Year of the last revalidation: 2004/2018



Lushan UNESCO Global Geopark Revalidation

2. GEOPARK FIGURES

Number of Geopark staffs: 1480 staffs including 5 geologists

Number of Visitors: 23, 583, 300 visitors person/time

Number of Geopark events: 28 times

1. Annual regular festival activities, such as during Bird-loving Week, World Earth Day, World Reading Day, World Environmental Day, International Disaster Reduction Day etc, students, communities residents and tourists involve in these activities; 2. On Chinese traditional festivals, the communities residents participate cultural and physical activities; 3. Cooperated with schools, universities, the geopark held different activities like studying trips and summer camps; 4. Cooperated with local schools, museums, Lushan Protection Area Administrative Bureau, Lushan Botanic Garden, Jiujiang Love-nature Science Popularization Consulting Co., Ltd., the geopark set up

various education projects, including local education, natural practice education, and museum second-classroom education for local community residents, elementary and middle school students; 5.Held regular special lectures and trainings for managers, interpreters, and enterprise executives; 6.Held geological, meteorological and other natural disaster emergency drills to promote better understanding and ensure the correct response by local community residents to disasters.

Number school classes realize Geopark educational programmes: 45

Number of Geopark press release: 4 articles, including one English article were released in China Global Geopark Net website, 43 Chines and 22 English articles in Lushan UNESCO Global Geopark website and Wechat platform.

3. GEOPARK ACTIVITIES

Major achievements in 2018

1. Smart Lushan Platform was established and tourism service function was promoted; 2. the investigation on Lushan tourism resources was finished;3. a new geo-museum was built up and open to the public for free; 4.Tourism environmental renovation was completely carried out with the special fund; 5.The project of promoting the lighting system and public toilets was achieved; 6.Modification work of the highway from Lushan Tunnel to the South Road was finished.

Contribution towards GGN-Networking and Participation

1.Signed sister agreement with Jiuhuashan Geopark; 2.Participated International Workshop on Integration of Geo-landscape and Local Culture in Jiuhuashan Geopark; 3.Participated Revalidation Seminar of Chinese Global Geoparks; 4.Participated the 4th International Training Course on UNESCO Global Geoparks Management and Development; 5.Participated Annual conference of Chinese Global Geopark held in Yandangshan(presentation); 6. Participated the 8th International Conference on UNESCO Global Geoparks held in Italy; 7. Participated the Training Courses on Monitoring Application of Space Technology in the Geoparks held in Longyan Geopark; 8.Involved in the activities on World Earth Day, International Disaster Reduction Day, International Mountain Day with the requirement of the Global Geopark Networks;

Management:

1. Management Structure : the geopark has established the Administration Management Office of Global Geopark (World Heritage) to promote the management, conservation of the geopark, and monitor and early-warning for disasters specially.
2. Financial status: the revenue and expenditure of the geopark is in balance with some surplus. The 2018 fiscal revenue of the geopark is RMB 964.5587 million among which RMB 957.298 million is used in geopark management, conservation, construction, promoting tourism and sustainable economic development with the surplus of RMB 7,260,700.

Geoconservation:

Strictly abiding by Lushan National Geopark Master Plan 2013-2030, Lushan made geological heritage conservation at different levels and districts. The geological heritages of the geopark have been carefully and soundly conserved, and have remained unaffected by human destruction, and only few geosites influenced by natural weathering and meteorological disaster. The geopark investigated the geological heritages in the extended area of the geopark when the geopark was extending the coverage under the requirement of the UGGp council.

Sustainable tourism (Geotourism):

1.Setting up 5 geo-tour-trails with establishment of geotour guiding and interpreting system in geosites, and regular maintenance and updated for interpretation panels were made; 2.Made geological knowledge training for guides, employees and volunteers to promote visibility of geopark and geo-knowledge popularization to the public; 3.Cooperated with the institutions of studying trips to promote geological tourism sustainable development.

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

1.During the World Meteorological Day, Disaster Prevention and Relief Week, Scientific Technology Activity Week, the geopark conducted disaster prevention popularization and training to make the public aware of the early warning signals(categories, levels and related suggestions); 2.Undertook the geological disaster emergency survey, and eliminated several geo-disaster potential points under the experts' proposal of safety precaution; 3. With radar, regional automatic stations, networking data, the geopark conducted all-weather monitor and early-warning for climate-related disasters; 4.Set up emergency supplies reserve, promoted emergency facilities, and organized the ER(emergency response) training regularly.

Strategic Partnership:

1.Established science researching and practicing bases in cooperation with research institutes and universities, such as China Institute of Geological Sciences,

No. 916 Geological Exploration Team of Geological Exploration of Jiangxi Province, Wuhan University, and the China University of Geosciences in Wuhan; 2.Promoted natural resource conservation and management in cooperation with Lushan National Nature Reserve and Lushan Botanical Garden under Chinese Academy of Sciences; 3.Promoted local tourism in cooperation with China International Travel Service, local tourism enterprises, such as star-rated hotels and restaurants and public institutions.

Promotional activities:

1.Made advertisement in railway station advertising, expressway advertising, television(China Central Television, Jiangxi Satellite Television etc.), newspapers (Lushan Tourism, China Photography, Jiangxi Tourism etc.) periodicals and other traditional media platforms; 2.Conducted tourism promotion of new students and parents in cooperation with universities near the geopark during new students' registration; 3.Promoted tourism marketing, and released news and updated information through WeiBo and WeChat platform.; 4.Held special tourism festivals in different seasons, like flowers festival in spring, maple festival in autumn and snow and ice festival in winter and photography competition as well; 5.Participated over 10 influential promotion conferences; 6.The brand of Leisure Paradise-Lushan was released on the screen of Times Square and Tourism Promotion Exhibition in Frankfurt, Germany.

4. Contacts:

Manager: Yang Jian lsgeopark@163.com

Geologist: Xiong Weiqiang xiongboy@163.com

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Marble Arch Caves UNESCO Global Geopark

Year of inscription / Year of the last revalidation: 2001/2016

Representative Photo (from the most important event this year)

2. GEOPARK FIGURES

Number of Geopark staffs: 11 permanent including 1 geologist & 53 seasonal staff

Number of Visitors: 401,756

Number of Geopark events: 78

Number school classes realize Geopark educational programmes: 5,000

Number of Geopark press release: 2

3. GEOPARK ACTIVITIES (bulletize)

Major achievements in 2018

Contribution towards GGN - Networking and Participation

- MACUGG staff responsible for the organisation of UK and Irish UNESCO Global Geoparks stand at GeoFair in Swabian Albs UGGp as part of EGN CC meeting in March 2018 and participation in aforementioned meeting.
- MACUGG representative attended the EGN Meeting and Global Conference in September 2018 in Adamello Brenta Geopark, Italy.
- Participation in the exhibition of human-made stone objects at the 8th International Conference on Global Geoparks – Adamello Brenta UNESCO Global Geopark
- Kirstin Lemon remains an active member of UGGp Council
- Kirstin Lemon attended and was keynote speaker at the Capacity Building Workshop for Geoscience Popularisation organised by Hong Kong UNESCO Global Geopark.
- MACUGG hosted a visit from the Hong Kong Lions Group who were touring various European Geoparks to find out more about education programmes in UGGps.
- Representatives of MACUGG attended the UK Committee for UNESCO Global Geoparks Annual Meeting in Fforest Fawr UNESCO Global Geopark.
- Representatives from MACUGG attended meetings of the Irish UNESCO Global Geoparks Committee.

- Kirstin Lemon undertook a UNESCO Global Geopark revalidation mission to Longhushan UGGp in China and an evaluation mission to Toba Crater Aspiring Geopark iApron Indonesia.
- MACUGG led on the production of a leaflet for the Irish UNESCO Global Geoparks

Management and Financial status

- On-going progression of a governance and management review of MACUGG with increased priority being given to areas such as community engagement, interaction with local businesses and sustainable tourism.

Geoconservation

- MACUGG is a strategic partner in an INTERREG VIA Porejct 'Collaborative Action for the Natura Network CANN' which focuses on a range of conservation and land management actions for Cuilcagh Mountain.
- Geological Survey of Northern Ireland presented at the Geological Society of London's geoconservation committee focusing on UGGs in the UK and Ireland including MACUGG.

Sustainable tourism (Geotourism)

- On-going participation in €1.8m INTERREG Atlantic Geoparks 'Geotourism' Project with existing and aspiring Geoparks.
- Successful completion of the INTERREG VB Drifting Apart geotourism project, in partnership with a number of aspiring and existing Geoparks.

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

- On-going delivery of our highly successful formal and informal education programmes.
- On-going progression of the Geopark Ambassadors Project via the Lough Erne Landscape Partnership and upskilling/mentoring of existing Geopark Ambassadors.

Strategic Partnership

- Research observatory development together with Geological Survey of Northern Ireland as part of AGEO (Atlantic Geohazards Network) INTERREG VB-funded project.
- Participation and representation in a number of externally funded initiatives at

International, National and local levels.

- MACUGG hosted a multi-agency emergency planning exercise involving 10 external stakeholders focused on a series of underground rescue scenarios.

Promotional activities

- Marble Arch Caves and Cavan Burren Park continue to be awarded certificates of excellence on Trip Advisor. Social media platforms continue to have significant reach and following.
- Geopark sites continue to be promoted in a variety of Local, National and International media.

4. Contacts:

Geologist: Dr Kirstin Lemon; klem@bgs.ac.uk

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

Mixteca Alta UNESCO Global Geopark, Mexico, founding member of the Latin American and Caribbean Geoparks Network.

Year of inscription: May 5th 2017

Important events



Recognition to the municipalities of the Mixteca Alta UGG by the Oaxaca State Congress

2. GEOPARK FIGURES

Number of Geopark staffs: **Nine members, including three geoscientists. In 2018 three new staff members were hired**

Number of Visitors: **3,500 visitors**

Number of Geopark events: **16 events.**

Number school classes realize Geopark educational programmes; **52 groups of students attended the Interpretation Center followed by fieldtrips, from elementary to university. A course at university level is being taught since 2012.**

Number of Geopark press release: **Hundreds! Newspapers, radio and TV interviews.**

3. GEOPARK ACTIVITIES

Participation in events:

- **1st. Meeting of the Latin American and Caribbean Geoparks Network, 21-26**

January, Comarca Miñera UGG, Mexico.

- 1st National Forum on Geoparks, Mexican Congress, June 22nd , Mexico City.
- 8th. International Conference on Unesco Global Geoparks, Parco Naturale Adamello Brenta, Trentino, Italia, 8-14 September.
- 1st course on Geoparks; 26-30 November 2019, Grutas del Palacio UGG, Trinidad, Uruguay.

Contribution towards GGN - Networking and Participation

- “Latin American Geotourism Day” (led by Grutas del Palacio UGG).
- Course: Geoparks and Geoeducation, Javier López Caballero, Director of the Villuercas Ibores Jara, UGG, Oaxaca, Mexico, 26-27 November 2018

Management and Financial status

- Direct annual income: Euros 32244 (concept: geotours, geoproducts and other services).
- Research projects: Euros 9000 (applied to research).

Geoconservation

The concepts of Geodiversity and Geoparks were included in the environmental legislation of the State of Oaxaca, being the only one in the country considering these key issues.

Strategic Partnership

- Agreements with ministries of Tourism, Environment, Economy, Culture and Education of the State of Oaxaca and State universities.

Promotional activities

- Participation in fairs, interviews in radio, newspapers and TV, new design of flyers and interpretative panels. Web page and Facebook (5303 followers).

4. Contacts:

Manager: Xóchitl Ramírez-Miguel, <http://www.geoparquemixtecaalta.org>

Geologist: Víctor Dávila Alcocer, Member of the Scientific Committee.

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

Geoparque de la comarca de Molina- Alto Tajo, located southwest of the province of Guadalajara in Molina de Aragón (Spain).

Year of inscription: September 2014.

Year of the last revalidation: July 2018.



2. GEOPARK FIGURES

Number of Geopark staffs: Nine persons work in the Geopark.

One Director, one Geopark manager, one Geologist and scientific director, three Tourism techniques and two Educational Techniques.

Number of Visitors: The estimated number of visitors is 20,000 persons.

Number of Geopark events: We make different GEO ROUTES so that we can teach you and know the history of the earth and can touch with your own hands rocks and fossils with millions of years old as well as visit the monuments of our great historical heritage, celtiberian deposits. Which Geo Routes are made around the year. We make numerous workshops and excursions with the students, too.

Number school classes realize Geopark educational programmes: During the school courses we make numerous workshops and excursions with the students, so our participation is very active. We estimate that during the year we do about 500 workshops and excursions.

Number of Geopark press release: We prepare press releases throughout the year with each event we do. So that approximately more than 600.

3. GEOPARK ACTIVITIES

Major achievements in 2018. Our greatest achievement during the year 2018 was the reevaluation to remain part of Unesco for four more years.

Contribution towards GGN - Networking and Participation: the participation is very active, not only we go to congresses but we also publish in magazines, edit our own books...

Management and Financial status: we have collaboration with national institutions.

Geoconservation: there is a lot of involvement of the associations of the region in the care of the environment.

Sustainable tourism (Geotourism): we promote Geotourism through the promotion of Geo Routes, teaching the most emblematic places of our Geopark.

New Education programmes on geoconservation, sustainable development and disaster risk reduction: From the Geopark we take care of the preservation of our environment, so in each project that we develop we take into account.

Strategic Partnership: It is important to have a strategic association so we maintain close collaboration with the rest of Spanish Geoparks. In fact, we developed an exchange of students with El Hierro Geopark.

Promotional activities: this year we were promoting our Geopark in the International Tourism Fair, where, we were promoting tourism in our region.

4. Contacts:

Geopark Manager: Juan Manuel Monasterio Cruz.

Email: monaste1@gmail.com

Geologist and scientific director: José Antonio Martínez.

Email: j_albireo@hotmail.com

GGN Annual Report 2018

1. About the Geopark

Geopark Name: Mt. Apoi Geopark, Japan (Asia Pacific Area)

Year of designation: 2015



The welcome and greeting party at Japanese Geoparks Network National Conference

2. Internal Structure of the Geopark

- Geopark Staff: 5 full-time staff, 2 geological experts (including 1 botanical curator), 1 Coordinator for International Relations
- Number of Visitors: 15,436 (recorded at the Geopark Visitor Center)
- Number of Geopark Events: 51
- Number of Geopark Educational Programs: 14
- Number of Geoparks Press Releases: 8

3. Geopark Activities

Major Achievements in 2018

- Held 2018 Japanese Geoparks Network National Conference; 1,100 participants, staff and volunteers (Reported on the GGN newsletter 2018 issue 3)
- Hokkaido Geopark Working Group: Learning exchange for elementary students (Toya-Usu UGGp), Hokkaido Geopark Festival (held at Sapporo city)
- Hometown and Geo-Study, routine workshops for the local residents
- “Samani Mountain Path” (the Geopark’s Historical Site) is declared a national cultural asset

(historical landmark)

Contribution towards GGN – Networking and Participation

- Participated in the 6th GGN Symposium; 1 oral presentation, discuss the peridotite area exchange with Azores and Ciletuh-Palabuhanratu.
- Attended various JGN conferences (each event included a poster presentation and information exchange) and meetings.

Management and Financial Status

- Stabilized budget and undergoing business development as planned. The 2018 budget: 20,609,000 JPY (fiscal year from April 2018 to March 2019, including budget of JGN national conferences)

Geo-conservation Efforts

- The plan to conserve the alpine plants is under academic review. Regular participation in the Apoi Environment Academic Committee Meetings and study meetings. Accompanying and supporting the associated field research, making preparations for a display concerning cultivating alpine plants at the base of the mountain.
- Testing the method that collects alpine plants seeds and germinates efficiently to increase the number of alpine plants cooperating with the seeding company.

Sustainable Tourism

- Planning and implementing sustainable geo-tours, in cooperation with local shops and restaurants. Participating in tourism-business meetings.

New Education Programs on Geo-conservation, Sustainable Development and Disaster Risk Reduction

- Continued support of the Samani Junior High School's "Mt. Apoi Dream Project" (preserving and raising alpine plants) and other Geo-study related educational programs.
- Held preliminary meetings with the Elementary School and Junior High School about starting a series of Sustainable Development
- Disaster risk reduction lectures in regards to tsunami, jointly sponsored by Samani Town and the Geopark.

Strategic Partnerships

- Continued support for the comprehensive partnership agreement with the local bank, Hidaka Shinkin Bank, for community development.
- Partnership between the Visitor Center and Apoi Sanso (tourist hotel) which provides discount coupons.
- Continued support for the comprehensive partnership agreement Hokkaido University Field Science Center for Northern Biosphere to jointly investigate the condition of the ocean and the effect it has on the area.

Promotional Activities

- Updated and reprinted the Geopark pamphlets and leaflets.
- Held several speeches and lectures promoting the Geopark during the previous year.
- TV and radio programs, newspaper and magazine articles used to promote the UNESCO status of the Geopark and the territory.
- Panel exhibition and promotion with Hokkaido Geoparks (Toya-Usu UGGp and national Geoparks) in Sapporo (prefectural capital city, 1.9 million population)

4. Contacts

Manager: Takumi Harada apoi.geoprk@samani.jp

Geologist: Satomi Kato apoi.gvc@iris.ocn.ne.jp

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

Geopark name, country, regional Network:

- *Qeshm Island UNESCO Global Geopark, Iran, Asia Pacific Geopark Network*

Year of inscription / Year of the last revalidation: *2017 / ...*

Representative Photo (from the most important event this year)



Geopark Trail Running

2. GEOPARK FIGURES

Number of Geopark staffs:

- *33 fulltime staff including 2 geologists plus 23 volunteers*

Number of Visitors:

- *230000 (three Geosites+ museum)*

Number of Geopark events:

- *Qeshm Geopark Trail Running Competition in two categories (30 km and 70 km) 600 participants from all around country plus some international participants*
- *Cleaning Salt Cave on the occasion of the world cave day*
- *Celebrating International Children Day at Doulab Educational Center (mothers*

and children participation to handicraft training workshop)

- *Qeshm Island UGGp partners meeting (70 partners).*
- *Celebrating international Earth Day in Geosites (22 Apr 2018)*
- *Contribution in Junk jam 2018: live program from English Riviera UNESCO Global Geopark with participating 10 UNESCO Global Geoparks.*

Number school classes realize Geopark educational programs

- *Two regional educational centers (Markazi & Shahab), 30 schools including 90 classes*

Number of Geopark press release

68 items in journals and newspapers, 3 items in National TV, Numerous items in social Medias

3. GEOPARK ACTIVITIES

Major achievements in 2018

- *Serious Attempts to establish National Iranian Geoparks Network*
- *Guiding and advising Aras and Tabas Aspiring Geoparks*

Contribution towards GGN - Networking and Participation

- *Joining to Island Geoparks working Group*
- *Attending at 8th International Conference on UNESCO Global Geoparks, Adamello Brenta UNESCO Global Geopark, 2018*
- *Contributing to holding Workshop on Geoparks in Khorat Aspiring Geopark, Thailand as a lecturer*
- *Undertaking the validation mission to Yangan Tao Aspiring Geopark, Russia*

Management and Financial status

- *Total budget is 700,000 USD that provided by QFZ (Mainly for infrastructure development)*
- *12 locals they were working as the volunteers before, have been employed as the fulltime personnel to work at geosites and information centers.*
- *Discussing and negotiating to utilize the capabilities of local communities for their contribution to geosites management*

Geoconservation

- *Setting up and completing new information centers (chahkooh and Tandis ha Geosites)*
- *Field investigations to introduce new geosites (Kalingi Geosite, Hengam Island)*
- *Weekly geological workshops for young students at geopark museum*
- *Workshops on geology basics for local communities*
- *Supporting students and their thesis which related to geopark subjects*
- *Establishing educational center in Dulab Village in western part of the Island (library and educational center with geology theme)*
-

Sustainable tourism (Geotourism)

- *Encouraging local people to launch and contribute tourism activities such as homestay, local restaurant, craft shop*
- *Supporting and promoting Park-Museum of traditional boat building and sailing in Guran Village*
- *Qeshm Island UGGp is involved in Japan International Cooperation Agency (JICA) project on Qeshm Island: Community Based Sustainable Development Master Plan of Qeshm Island Toward "Eco Island"*
- *Training and empowering local communities of Qeshm Island UGGp villages through UNDP/SGP projects*

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

- *"Wise visiting" plan for the school students to visit geopark museum and receiving information about geopark and Qeshm Island*
- *Holding workshops for high school students of Tourism in Tabl and Doulab Village.*
- *Workshops for kindergarten teachers of geopark villages*
- *Literary workshop with the geopark themes in Doulab Village Educational Center*
- *First aids training course for the geosites staffs*
- *Supporting Mashgh Afarinesh institute to hold Geo-tourguide course*

Strategic Partnership

- *A memorandum of understanding between Qeshm Island UGGp and Idrija UGGp from Slovenia to exchange seasonal tourists and other cooperations*
- *The beginning of a joint collaboration between Qeshm Island UGGp and Japanese geoparks Network*
- *Collaborating with KASHEF institute to promote local communities in the context of sustainable livelihood*
- *Advising on the establishment rural cooperative companies to start sustainable development activities*

Promotional activities

- *Conducting local and rural festivals*
- *Introducing Qeshm Island UGGp in national media (TV)*
- *Promoting the Children and Teenagers Programmer Ambassador of Qeshm Island UGGp Program, designed more than 30 projects of games, animations and interactive stories on geopark concept in partnership with Farniya Young Programmers Institute*
- *Publishing Geopark maps and brochures for the Persian new year holidays*
- *Attending several national and provincial tourism fairs and festivals*

4. Contacts:

Manager: *Alireza Amrikazemi*

Scientific Responsible (Geologist): *Alireza Amrikazemi*

Qinling Zhongnanshan UNESCO Global Geopark

Annual Report 2018

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Qinling Zhongnanshan UNESCO Global Geopark (China, Asia Pacific Geoparks Network)

Year of inscription / Year of the last revalidation: 2009/2017

Representative Photo:



The Geopark is praised the 10 Geology Card of Shaanxi Province

2. GEOPARK FIGURES

Number of Geopark staffs: 982 staffs including 7 geoscientists

Number of Visitors: 4,903,500 persons

Number of Geopark events: 41 times. Holding more than 30 times Research in Travel based on Qinling International Juvenile School and Qinling Natural School, and many other activities for example Skiing

Competition, Climbing Challenge, Qinling International Cross-country race, Research in Travel and Travel Festival of Geopark.

Number school classes realize Geopark educational programmes: 18.

Number of Geopark press release: 54.

3. GEOPARK ACTIVITIES

Major achievements in 2018:

- Finished RMB12,010,000 project from country on national culture and natural heritage protection;
- Launched inspection of natural reserve for geopark protection and management;
- Edited geopark commentary and pocket book;
- Finished the travel promotion film of Beauty in Qinling & Happy in Zhongnanshan and geological travel souvenirs;
- Finished the first research work of Xi'an Qinling National Geopark Plan and Qinling Green-way System Plan;
- Obtained top 10 "Geopark Card of Shaanxi Province" and became the first research and learn exercise education base of Shaanxi province primary and secondary school students.

Contribution towards GGN - Networking and Participation:

- Attended UNESCO Global Geopark Annual Conference of China, 2018;
- Attended UNESCO Global Geopark Application and Revalidation Symposium;

- Attended Earthquake Geopark Forum of China in 2018 and published a piece paper;
- Attended education in public activity of Guizhou Chishui National Geopark and signed 14 cooperation agreements;
- Attended Training Course “Application of Space Technology in Geopark Monitoring System by GGN”.

Management and Financial status:

Management: The main body of the geopark management is Qinling Zhongnanshan Global Geopark Management Office founded by Xi’an Municipal Government. Additionally, entrusted by Xi’an Municipal Government, the Management Office manages Qinling Zhongnanshan Global Geopark Tourism Development Co., Ltd.

Financial status: Financial status is healthy. The travel income is RMB153,001,800 including RMB106,723,200 from ticket, and more than RMB20,000,000 has been to use protection and management of geopark.

Geoconservation:

- Promoting Qinling Zhongnanshan UNESCO Global Geopark geological database;
- Knocking down 11 inconformity buildings on Qinling ecology environment protection;
- Advancing boundary, safety barriers, protection of fence and infrared camera monitoring;
- Finished 10 km accessible travel trail.

Sustainable tourism (Geotourism): 2018, accepted 4,903,500 travelers,

offered 4,000 jobs directly and more than 14,000 person got profit in-directly from geopark, besides, 113 happy houses has been developed and accepted 1,700,000 travelers.

New Education programmes on geoconservation, sustainable development and disaster risk reduction: Cooperating with WWF, developing natural protection education class and volunteer training class; cooperating with iYouth from German to develop Chinese-German teenagers growth plan summer camp and bringing in MEAS Class from German to research new form of education in public.

Strategic Partnership: Cooperating with 13 universities, research institute and social group to build Education Exercise Base. Cooperating with Xi'an Education Bureau, 5 travel services, 9 websites companies and other local companies.

Promotional activities: 2 scenic areas are free and other promotion activities for travelers for example free for more than 60 older man. Using wechat, micro blog, website and other information platform for promotion, and more area of travel centre and car parking lot can be covered by wi-fi. Besides, traveler can buy ticket by themselves from mobile phone anywhere.

4. CONTACTS:

Director: Yang Jianping, qlznsdzgy@163.com

Scientific Responsible (Geologist): Guo Anlin, anlingxb@nwu.edu.cn;
Guowei, guowei@chd.edu.cn.

GGN - Geopark Annual Report 2018

GGN Geopark Annual Report should be two to four pages

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Rocca di Cerere UNESCO Global Geopark (ITALY)

Year of inscription 2008/ Year of the last revalidation 2016

Representative Photo (from the most important event this year)



**Valorizzazione della geodiversità di Sicilia.
Il ruolo dei geopark**

Venerdì 23 novembre 2018, ore 10-14
sala Auditorium dell'Assessorato del Territorio e dell'Ambiente
via Ugo La Malfa 169 - Palermo

A tre anni dall'istituzione del programma "International Biosphere and Geopark Programme" e degli UNESCO Global Geopark, l'Assessorato Regionale Territorio e Ambiente della Regione Siciliana il lunedì mattina un confronto sul ruolo che lo stesso, nell'ambito delle proprie prerogative, può offrire per incrementare la conoscenza e la consapevolezza del ruolo e del valore della geodiversità siciliana e per sostenere l'attività degli UNESCO Global Geopark attivati nel promuovere le migliori pratiche di conservazione, educazione, divulgazione e fruizione sostenibile del patrimonio geologico.

Ora 10.00
Inizio di apertura

Coordinatore: Dott. Luca Chiosso, Componente del Ufficio di direzione collaborativa dell'Assessorato regionale del Territorio e dell'Ambiente - Ufficio staff del Capo di Gabinetto, Assessorato Regionale Territorio e Ambiente

Interventi

Il ruolo svolto nel favorire la promozione, il collegamento, l'informazione, la sensibilizzazione e l'attuazione del programma UNESCO in Italia ed in particolare l'azione volta a divulgare e promuovere nell'ambito dell'educazione, della scienza, della cultura e dell'ambiente, la salvaguardia sostenibile, la valorizzazione dell'ambiente, dei beni culturali, del paesaggio, del patrimonio artistico e monumentale dello Stato.

Ma. Rosa Maria Vivanti, Segretario Generale Commissione Nazionale per l'UNESCO
Prof. Giovanni Puglisi, Presidente Società CIG, Presidente Fondazione Politecnica UNESCO Sicilia
Prof. Aurelio Argenti, Direttore Fondazione Patrimonio UNESCO Sicilia

La geodiversità di Sicilia: quadro d'insieme
Prof. Pietro Di Stefano, Dipartimento Scienze della Terra e del Mare (DSTM) Università di Palermo

La valorizzazione del patrimonio geologico
Dott.ssa Concetta Ruffino, Museo di Geologia "G. G. Ciaramitani"

Il programma "International Biosphere and Geopark Programme" l'attività ed il funzionamento degli UNESCO Global Geopark in Italia e in Sicilia
Dr. Ariella Alea, Clerici, Coordinatore Comitato nazionale UNESCO Global Geopark
Dott. Marcello Trionfi, Direttore locale di Rocca di Cerere UNESCO Global Geopark
In collegamento telematico (salute del)
Ph.D. Dr. Mikaela Zuercher, President Global Geopark Network (GGN) - Coordinator European Geopark Network (EGN) - Director Leona UNESCO Global Geopark

Interventi
Dott. Pappalardo Bassano, Direttore Nazionale UNESCO Global Geopark

Conclusioni
Dr. Prof. Sebastiano Tusa, Assessore regionale dei beni culturali e della diversità siciliana
Dr. Ann. Salvatore Gardani, Assessore regionale del territorio e dell'ambiente





2. GEOPARK FIGURES

Number of Geopark staffs: 6 internal staffs including 1 geoscientist. The company relies on the collaboration of the partners' staff through the "Steering Committee" and the Geopark staff

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.**

Number of Geopark events:

5 Geotrekking with guided visits and interpretation training.

20 Geointerpretation training in public schools;

1 Wetlands day in Pergusa Lake Natural Reserve

Number school classes realize Geopark educational programmes

15 classes from 10 different schools

Number of Geopark press release

3. GEOPARK ACTIVITIES (bulleted)

Major achievements in 2018

Contribution towards GGN - Networking and Participation

- Conference organization in Sicily on Geoparks and Geotourism with UNESCO National Commission, Regional councilor territory and environment and National Geopark Coordination
- Participation in 41st Coordination Committee Meeting Karavanke-Karavanwen UNESCO Global Geopark 19-24 March, 2018

- Participation in 42nd Coordination Committee Meeting 9th-10th September, 2018 and participation in 8th International Conference on UNESCO Global Geoparks from 11st to 14th September 2018 Adamello Brenta UNESCO Global Geopark
- Working with Development and implementation practices of strategies for HEALTH-ENHANCING PHYSICAL ACTIVITIES (HEPA) in local communities across Europe” nature trails with holistic approach
- Project proposal: PROGRAMME IEV DE COOPERATION TRANSFRONTALIERE ITALIE TUNISIE 2014-2020
- Organization of the EGN Week: geotours, oral presentations
- Participation at the conference "Capitalising on CLLD experiences - Building resilient local communities", on the 8-10 November 2017 taking place at Győr, Hungary.
- Contribution of an article for the EGN News letter Issue 11, jenuary may 2018
As part of its educational activities, Rocca di Cerere Geopark has established a cooperation with the secondary school “Federico II” of Enna. The school offers a focus on tourism. The cooperation is established in the frame of the Erasmus + project "Agenda 2030: That's our Challenge

Management and Financial status

- In the frame of LEADER of the Rural Development Programme (RDP) for Sicily, as LAG, Rocca di Cerere Geopark has started the new masterplan financed by regional authorities and EU.

Geoconservation

- The geoconservation is fully fulfilled through the legal protection, regulations and education, and continuous monitoring
- Subscription of a cooperation agreements with University of Catania about news collaborations in geotourism and georobotic applied on morphology, landslides, geohazards

Sustainable tourism (Geotourism)

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

- Training courses and stages during the formation process for two groups of Escursionistic and Environmental guides of AIGAE (National Association of Naturalistic Guides of Italy)
- Rocca di Cerere Geopark organizes in Enna the III Mountain Approach Course and in Leonforte the I Mountain Approach Course
- Trekking and interpretation of the landscape in the geosite Coralli di Cacchiamo. In "Salvalarte Sicilia" di Legambiente
- Trekking and interpretation of the landscape at night in the geosite archaeological area of Cozzo Matrice

Strategic Partnership

Subscription of a cooperation agreements with University of Catania about news collaborations in geotourism and georobotic applied on morphology, landslides, geohazards.

Promotional activities

- several Interviews and articles on the Geopark in the local and regional media (web & press)
- Participation, oral and presentations, in the Regional Conference focused on Experiential Tourism Palermo february 2018
- Participation. oral and presentations, in the Conference: "THE CULTURAL AND NATURAL HERITAGE OF SICILY: GOOD PRACTICES AND GOVERNANCE" organized by Steering Committee of the UNESCO serial site "Palermo Arab-Norman and the Cathedrals of Cefalù" and UNESCO Sicily Foundation January 2018
- Rocca di Cerere Geopark attends at workshop in Carini's Castle (PA) on 19 April on the added value of EU funds with AICCRE (Italian Association of Municipalities, Provinces, Regions and other local communities)
- Rocca di Cerere Geopark attends on project "Network of ancient biodiversity, promoted by the NRN-Leader Network, aims to experiment and put in place an interdisciplinary approach
- Rocca di Cerere UNESCO Global Geoparkhe hosts the trekker Vienna Cammarota, river canoeist and extraordinary walker, AIGAE regional coordinator for Basilicata. She has long embarked on foot the journey that in

1787 saw the great poet and scientist Johann Wolfgang Von Goethe.

4. Contacts:

Manager: Salvatore Troia, director info@roccadicerere.eu

Scientific Responsible (Geologist): Giuseppe Maria Amato, info@roccadicerere.eu

GGN - Geopark Annual Report 2018

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: **15.30 million**

Number of Geopark events: 10

Greeting the spring festival , Songshan traditional culture and Physical sciences lecture; The 49th World Earth Day Propaganda Week Activities held by Songshan Global Geopark ; Children 's Day science park activities supported by Songshan Global Geopark; Songshan Geological Science summer camp of Henan University; Songshan Forum 2018 Annual Conference; National Science Day Propaganda Week Activities held by Songshan Global Geopark; The 12th Zhengzhou International Kungfu Festival ; Science into campus activities held by Songshan Global Geopark; Scientific tourism activities for local middle school students ; Youth Volunteer Activities aims to protect

Songshan.

Number school classes realize Geopark educational programmes: 60

Number of Geopark press release:6

3. GEOPARK ACTIVITIES (bulleted)

Major achievements in 2018

1.Songshan held the 12th Zhengzhou International Shaolin Kongfu Festival successfully.

2.The plan of Tourism road construction in Songshan Geopark passed expert assessment.

3.Songshan has carried out national-level tourism standardization scenic spot creation activities from 2018.

Contribution towards GGN - Networking and Participation

1. Songshan participated in the 2018 Annual Conference held by CGN . 2. Songshan paid the annual fee of 1500 Euro to the UGGpC . 3. Songshan Conducted a survey on the geological heritage and cultural heritage of Songshan UNESCO Global Geopark.

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 , Museum of Songshan Geopark ,Geological Relics Protection Branch, Financial Audit Branch, Geopark Promotion Branch and Administration and Law enforcement agency.

In 2018, Songshan Global Geopark has achieved steady growth with financial income of 293.58 million yuan, expenditure of 234.10million yuan, the balance of 59.47 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 geopark 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 2018, 4.03 million tourists visited Songshan Global Geopark. The number of visitors increased by 10.4% 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

2018 Songshan Shaolin kongfu contest ; The 12th Zhengzhou International Shaolin Kongfu Festival; the 9th Songshan Autumn Leaves Festival , 2018 Songshan Shaolin International Marathon.

4. Contacts:

Manager: Yi Qunli E-mail: songshangeopark@163.com

Geologist: Cheng Shengli E-mail: 1653453005@qq.com

世界地质公园网络——2018 年地质公园年度报告

1. 公园身份

地质公园名称、国家、区域网络：嵩山联合国教科文组织世界地质公园（中国、亚太地质公园网络）

加入年份/上次再评估年份：2016 年

代表性照片：（本年度最重要活动）



2. 地质公园数据

员工人数：156 名员工，含 6 名地学家

游客人数：1530.7 万人

活动次数：10 次

庆新春，嵩山文化科普讲堂；嵩山世界地质公园第 49 个世界地球日宣传周活动；嵩山世界地质公园庆六一科普游园活动；河南大学嵩山地质科普夏令营；嵩山论坛 2018 年会；全国科普日宣传周活动；第十二届郑州国际少林武术节；嵩山世界地质公园科普进校园活动；登封市中学生嵩山研学旅游活动；爱我家园保护嵩山青年志愿者活动。

开展地质公园教育计划的学校班级数：60 班

地质公园发表新闻稿数量：6

3. 地质公园活动（分项列出）

2018 年主要成就

1、成功举办第十二届郑州国际少林武术节。2、景区旅游公路建设规划通过专家评审。3、开展国家级旅游标准化景区创建活动。

对 GGN 的贡献——网络活动和参与

1、参加中国世界地质公园 2018 年年会。2、按时向教科文组织交纳世界地质公园 1500 欧元年费。3、开展了嵩山世界地质公园地质遗产及文化遗产调查。

管理和财务状况

2004 年，公园成立了独立的管理机构“嵩山世界地质公园管理委员会”，下设办公室、地质公园博物馆、地质遗迹保护科、财务科、科普宣传推广科、行政执法大队五个科室，有正式管理人员 156 人。

2018 年，公园财务收入 29358.28 万元，支出 23410.65 万元，结余 5947.63 万元，实现了稳步增长。

地质遗迹保护

2013 年，公园制定了《地质遗迹保护及开发利用详细规划》。根据《地质遗迹保护及开发利用详细规划》，公园圈定了保护边界，设立了保护界碑，解说牌，在保护区内设置了监测仪器和人员巡逻，随时了解地质遗迹保护现状。

可持续旅游（地学旅游）

2004 年，公园建立了 7 条科普旅游线路，发展地质研学旅游。2018 年，接待地质线路游客 403 万人，比上年增长 10.4%。

有关地质遗迹保护、可持续发展和减少灾害风险的新教育计划

《登封市中学生嵩山地质公园科普课堂计划》，根据《计划》，全市初级中学每学期安排 3 次地质科普讲座，每次参加人数不少于 400 人。

战略合作伙伴

河南理工大学、河南省地质调查院、嵩之源矿泉水、小苍娃农产品，颍河源葡萄庄园

宣传推广活动

2018 嵩山少林武林大会，第十二届郑州国际少林武术节，嵩山少林国际马拉松，嵩山红叶节。

4. 联系人

管理者： 弋群立 电子邮箱： songshangeopark@163.com

地质学家：程胜利 电子邮箱： 1653453005@qq.com

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

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

Year of inscription / Year of the last reevaluation 2006/2018

Representative Photo (from the most important event this year)



2. GEOPARK FIGURES

Number of Geopark staffs: 2045 staffs including 4 geoscientists

Number of Visitors: 5.5 million visitors

Number of Geopark events: 18

1. Hold The Spring Festival prayers on Taishan in 2018.
2. Hold The Tai'an Branch of CCTV Spring Festival Gala.
3. Hold The Popular Science Education Activities on Campus in "Bird Protection Week".
4. Hold The Taishan Photographic Competition.
5. Hold Science Popularization Activities On the "Earth Day".
6. Hold the First Skills Competition of Tourist Service in Taishan.
7. Hold the activities in Dai Temple on "Museum Day".
8. Hold the Training Course about the Reevaluation of Taishan UNESCO Global Geopark.
9. Hold the Taishan International Mountaineering Competition.
10. Hold Taishan staring competition.

11. Hold the activities on "Cultural and Natural Heritage Day".
12. Develop Taishan Popular Science Volunteer Training Camp.
13. Organize Volunteer Campaign of Bird Protection in the Winter on Taishan.
14. Convening the Seminar on the Construction and Development of Taishan Research and study Base.
15. Holding Taishan International Off-road Race.
16. Hold the Taishan Stone Sculpture Rubbing Exhibition in Taipei.
17. Hold the Cross-Strait Geological Research Camp for geological investigation in Taishan UNESCO Global Geopark.
18. Hold the Coming of Age Ceremony for Taiwan Students.

Number school classes realize Geopark educational programmes: 20

Number of Geopark press release: 5

3. GEOPARK ACTIVITIES

Major achievements in 2018

1. Successfully completed the reevaluation of Taishan UNESCO Global Geopark.
2. Improved the interpretation system.
3. Improved and updated some of the exhibition contents in geopark museum.
4. Build a Geopark School cooperating with No. 16 Middle School of Tai'an City.
5. Establishing the Writing Base of China Middle School Students' Newspaper.
6. Establish Taishan Precambrian Research Base cooperating with Tianjin Center, China Geological Survey.
7. Establish the "Research Institute of Intelligent Tourism " cooperating with Hikvision.
8. Hold the 4th UNESCO International Training Course on the Management and Development of World Geoparks.

Contribution towards GGN - Networking and Participation

1. Taishan Geopark paid its GGN membership fees on time every year.
2. Participated in the annual geopark meeting of China in 2018.
3. Participated in the 8th International Conference on UNESCO Global Geoparks.
4. Hold the 4th International Training Course on UNESCO Global Geoparks Management and Development.

Management and Financial status

Administration Commission for Taishan Global Geopark serves as the management body for the geopark. Its main functions involve taking in charge of various aspects of

project construction and development in Taishan Geopark, including geoconservation, planning, scientific research, science popularization, routine administrative management, and tourism. The Management Office currently has thirteen functional sections.

Financial condition is good, the ticket revenue is 460 million yuan in 2018, invested about 80 million yuan for the construction of Park management.

Geoconservation

1. Implemented a number of central and provincial geoheritage conservation research projects.
2. Carried out geoheritage surveys and conduct systematic surveys and statistics on natural and cultural landscapes, tourism resources, and ecological environment remediation within the territory after the extension.
3. Compiled “Taishan Master Plan Revision (2016-2035)” and “Taishan World Cultural Heritage Protection Plan” to determine geoheritage, cultural heritage, natural heritage protection targets, scope and measures, and formulate sustainable development plans.
4. In 2018, the “Regulations on the Ecological Protection of Taishan” was reviewed and approved by the Standing Committee of the Shandong Provincial People's Congress and officially implemented on May 1, 2018.
5. Established an intelligent monitoring and alarm system, delineate non-tour routes, realize automatic detection of mountain personnel and trigger on-site voice warnings, effectively protecting geoheritage, natural cultural heritage and forest resource security.
6. Established an automatic monitoring and early warning system for geological disasters to automatically monitor hidden dangers of geological disasters. Established 4 automatic monitoring points for collapse and provide timely monitoring and warning information for geological disasters.
7. Completed the “Smart Taishan” integrated management platform based on GIS, and implemented geopark management from heritage resource protection, forest fire safety, traffic operation safety and emergency rescue command.
8. Implemented a number of cultural relics protection projects such as the restoration and digital protection of the Temple of Heaven, the Puzhao Temple, the Wangmu Pond, and the Dougong Palace;

Sustainable tourism (Geotourism)

There is a total of 5.5 million tourists visiting Taishan in 2018, 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 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

Taishan Geopark built the strategic partnership with Shandong Agricultural University, China University of Geosciences (Beijing), China University of Petroleum (Beijing), Shandong University of Science, Technology and Chinese Academy of Geological Sciences and Tianjin Center of China Geological Survey. Taishan Geopark built the strategic partnership with Dali Museum, Yunnan Province and Baotou Museum, Inner Mongolia of China which held the regular activities like exhibition exchange. Various kinds of geotourism activities have been carried out by making strategic partnership agreements with Lixinyuan Industry and Trade Company Limited, Jinfeihong Weaving Company Limited and other local companies. Cooperated with local companies, our geopark has designed special routes to these sites for self-picking and appreciating the local special products.

Promotional activities

1. Advertised by via radio station、 mainstream media、 newspapers and magazines.
2. Launched 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 a all-dimensional manner.

4. Contacts:

Manager:Niu Jian E-mail: tsdzgy@163.com

Scientific Responsible (Geologist): Wang Shijin E-mail:707845889@qq.com

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

UNESCO Global Geopark TERRA.vita, Germany, regional Network: European Geoparks network (EGN)

Year of inscription: 2001 / Year of the last revalidation: 2015



New TERRA.vita pavilion in Bad Iburg, serving as permanent entrance gate for the new canopy trail in the future

2. GEOPARK FIGURES

Number of Geopark staffs: 12 including 2 geoscientists

Number of Visitors: About 3 Mio.

Number of Geopark events: 80, 44 by TERRA.vita

Number school classes realize Geopark educational programs: 5

Number of Geopark press release: About 100

3. GEOPARK ACTIVITIES

Major achievements in 2018

- New bilingual TERRA.tipps have been printed and others reprinted
- Relaunch of the long range “Hünen” hiking trail, featuring megalithic graves
- A new soil atlas for TERRA.vita has been printed, distributed to schools and sold at local bookstores
- A questionnaire among visitors conducted for the third time after 2007 and 2012 in close cooperation with the Osnabrück University. Positive results show raising visitors numbers and a better acknowledgement and appreciation of TERRA.vita
- A new and permanent pavilion has been erected and will serve as an entrance gate for a new and spectacular canopy trail (see picture above)
- TERRA.vita participated successfully in the Nature park competition of the state of North Rhine Westphalia and gained a 70% grant for a 130,000 € project to improve the area around the visitors mine of Kleinenbremen
- Opening of the new mining trail Kirchdornberg in Bielefeld in cooperation with the city of Bielefeld, the local hiking association, the University of Bielefeld and political parties
- Approval of an application for the relaunch of an Ice Age trail in Bippen by the Bingo foundation, covering 70.000 €

Contribution towards GGN - Networking and Participation

- Participation in the 41. and 42. European Geoparks Network CC Meetings
- Active Participation in the International UNECO Geoparks Conference at Adamello Brenta, Italy
- TERRA.vita is serving as a catalyst in the working group “Cooperation between the EU and EGN”
- Evaluation mission to Portugal (Geopark project Estrela) by Timo Kluttig and China (Sanqingshan) by Hartmut Escher
- Hartmut Escher joined a consulting mission organized by the German NatCom to Kenia, helping to establish the first Kenian UNESCO Geopark in the Great Rift Valley

- Meeting with Member of European Parliament Jens Gieseke, informing about the Geopark Networks and asking for possibilities to present the EGN in Brussels or Strasbourg
- TERRA.vita represents the German UNESCO Global Geoparks in the German National Geopark Committee (NatCom) and serves as speaker for the German UNESCO Geopark Forum, organising meetings etc.
- Participation in workshops by the NatCom on Geoparks on issues like education on sustainable development and selling of geological material

Management structure and financial status

- Fabian Müller has been employed as half time geologist for two years, to work on the geosite cadastre
- A second geologist, Dr. Tobias Fischer has been employed full time to replace half time geologist Timo Kluttig. Dr. Fischer will also serve as the second official representative of TERRA.vita
- TERRA.vita played a major role addressing politicians in the state of Lower Saxony, to gain financial support for the states Nature- and Geoparks. In 2019 TERRA.vita will receive 100.000 € in cash for the Naturepark from the ministry of the environment and an additional 150.000 € from the ministry of economics. More work has to be done to secure a permanent funding structure

Strategic partnership

- The partnership between the two UNESCO Global Geoparks De Hondsrug in NL and TERRA.vita made a major progress. Our INTERREG Va application for a 1.65 Mio. € project was approved in November. The project will include and finish with a spring CC meeting of the EGN in 2022, to present the major achievements
- Signing of partnerships with four other outdoor education centres
- In cooperation with the rural adult education association (LEB) 14 new tour guides got their certificates after a half year educational process

Promotional activities

- The regional newspaper Neue Osnabrücker Zeitung had a one page interview with the managing director on UNESCO Global Geopark revalidation and evaluation procedures
- TERRA.vita participated again in the competition on “Germanies Natural Wonders” by the Heinz Sielmann Foundation and this time won the first place
- Participation in several local and national exhibitions

Sustainable economic development

- Broadened participation in regular meetings to promote regional products
- Participation at the first regional land market in Bad Essen
- Partner in the research project IDOOL (Innovative direct marketing) by the local University of Applied Sciences, to develop new ways to promote regional products

Contacts:

Manager: Hartmut Escher escherh@lkos.de
Geoscientist: Timo Kluttig (until September) kluttig@lkos.de
Dr. Tobias Fischer (from October) tobias.fischer@lkos.de

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

Toya-Usu UNESCO Global Geopark (Japan, Asia Pacific Geoparks Network)

Year of inscription / Year of the last revalidation: 2009 / 2019



Geopark educational programmes to local school students

2. GEOPARK FIGURES

Number of Geopark staff: 5 staffs including 1 geoscientist

Number of visitors: 7.3 million

Number of Geopark events: 35

Number school classes realize Geopark educational programmes: 30

Number of Geopark press release: 25 times

3. GEOPARK ACTIVITIES

Major achievements in 2018

- The Council concluded that the Rusutsu Village and Makkari Village municipality-covered area would be excluded from the Geopark territory to reduce the whole area. The reasons are as follows: 1) The geologically-important site of Toya Pyroclastic Flow Deposit is not only located in Rusutus and Makkari village but also in Toyako Town. (2) There are no information centres or museums, no communal/business collaborations in Rusutsu or Makkari Village.
- A full-time geoscientist has been assigned from 1st April 2019.
- We have made Toya-Usu UGGp Master Plan to define the comprehensive activity.
- 1,587 downloads of the Geopark Outdoor Learning Textbook series from the Geopark's Website.

- We placed sign of Toya-Usu UGGp on main entrance roads, visitor centre, museum, and Geopark-related facilities.
- We Included information on plate tectonics and volcanic activity in Hokkaido in Toyako visitor centre.
- In order to link Toya-Usu UGGp with indenenous “Ainu” culture and the landscape, the Council organised a lecture on Ainu-origin place names and Ainu tradition in the Geopark by Mr. Yoshiyuki Uji, Chairperson of a local Ainu association In February 2018.

Contribution towards GGN - Networking and Participation

- The 8th International UNESCO Conference on Adamello Brenta UGGp: Gave one oral presentations and one poster presentation, as well as one presentation on the number of the downloaded Outdoor Learning Textbook and the strategy of promoting utilization.
- Introduce the Toya-Usu and GGN activities for five groups from foreign and domestic UGG aspiring regions and three trainees groups of Japan International Cooperation Agency (JICA) from many countries.

Management and financial status

- Council meetings to discuss the 2018 Action Plan.
- A meeting of municipal mayors to discuss a strategy for making a sustainable management body.

Geoconservation

- Cientific advisor meeting to discuss the geoconservation policy and the sustainable use of each site.
- Weeding of the former Toyako Kindergarten, Nishiyama Trail and other geo-sites annually to put heads together sharing the way to conserve geosites continually.

Sustainable tourism (Geotourism)

- A meeting with residents/guide committees to design a guide training program.
- Geopark partner/Volcano Meister training programmes (nine times).

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

- Geopark educational programmes for geoconservation, sustainable development and disaster risk reduction are performing to local schools students.

Promotional activities

- A geotourism/administrative committee meeting to make a promotion plans.
- 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:

Manager:	Nire Kagaya	info@toya-usu-geopark.org
Geologist:	Dr. Yuki Nishi	info@toya-usu-geopark.org

GGN - Geopark Annual Report 2018

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Yandangshan UNESCO Global Geopark, China, APGN

Year of inscription / Year of the last revalidation: 2005/2017

Representative Photo (from the most important event this year)



2018 Annual Conference of China UNESCO Global Geoparks

2. GEOPARK FIGURES

Number of Geopark staffs: 1278 staffs including 3 geoscientists

Number of Visitors: 9.7 million

Number of Geopark events: 27

Organized and hosted the 2018 Annual Conference of China UNESCO Global Geoparks ; Organized the 49th "World Earth Day" propaganda week popular science exhibition"; Held more than 10 popular science lectures in Shanghai Normal University and other universities as well as local primary and secondary schools; Organized popular science volunteers to hold "Yandangshan Science Volunteer Exchange" in China University of Geosciences (Wuhan), Anhui Normal University, Zhejiang University, etc.; Jointly held an explanation competition of "Select Small Popular

Scientist” with The First Primary School of Dajing Town; Jointly organized a series activities of "Walking with Books, Interpreting Global Geopark through Walk" with The First Primary School of Yandang Town; Launched the 29th “International Disaster Reduction Day” theme education and knowledge propaganda activities; Organized and launched a series of National University Students' canoeing events, international Yoga elite competitions, the first national Ferrada competition in 2018, the Chinese Yandangshan Couple Festival and love marathon in 2018, etc.

Number school classes realize Geopark educational programmes:30

Number of Geopark press release:32

3. GEOPARK ACTIVITIES

Major achievements in 2018

1. Successfully held the 2018 Annual Conference of China UNESCO Global Geoparks.
2. Completed the construction of large-scale tourist center in Yandangshan and put into operation; meanwhile, improved the image of the entrance of the geopark and integrated the management of internal traffic.
3. Yandangshan was awarded "the Most Beautiful Leisure Resort in China" and "Beautiful Mountains and Rivers" film and television creation base, as well as "the Second High-quality Tourism Classic Scenic Spot in Zhejiang".

Contribution towards GGN - Networking and Participation

1. Took part in the 2nd Chinese Volcanic Geopark Forum held in Leiqiong Global Geopark in June;
2. Evaluated the San'in Kaigan Global Geopark of Japan in August;
3. Participated in the 8th International Geopark Congress held in Italy in September, set up a geopark booth, and gave a theme report at the Congress.
4. Participated in the First Evaluation Expert Training Meeting held by China University of Geosciences (Beijing) and the training course of the Fourth International Management and Development of Geoparks.
- 5 .Successfully organized and hosted the 2018 Annual Conference of China UNESCO Global Geoparks, and shared assessment experience at the meeting.
6. Launched exchange activities with Zhijindong, Ningde, Zhangjiajie, Shennongjia, Fangshan, Dunhuang, and Doba in Indonesia to share management experience, and established sister geoparks with geoparks in Shennongjia, Dunhuang and Doba in Indonesia. Cooperated and exchanged in science popularization, scientific research and management.

7. Exchanged with the delegations of Cuba Mineral Resources and Bolivia Mineral Resources to introduce the experience of declaration and management of the Global Geopark and to promote the brand effect of the Global Geopark.

Management and Financial status

Management: Established the Yandangshan Global Geopark Management Committee, under which set the office as the daily management department, fully managed and protected geoheritage.

Financial status: With sound financial condition, the geopark has an independent budget, and is responsible for the preparation of the annual budget. Funds are mainly from the geopark's ticket revenues and higher-level government's special funds. Ticket revenue in 2018 was 175 million yuan, and 150 million yuan was invested in geopark management and construction.

Geoconservation

Geoheritage protection: In 2018, more than 50 million yuan was invested for the protection of geoheritage, mainly for the infrastructure construction of geopark's walkway, marking system, protection facilities, forest fire protection engineering construction and others.

Sustainable tourism (Geotourism)

Sustainable tourism (geo-tourism): The development of geo-tourism in geoparks has promoted the transformation and upgrading of traditional economic structure. Not only has the agricultural population been transformed into tourism staff, but more than 2,000 new long-term jobs in tourism services have been added. Most of the people in the surrounding towns and villages benefit from the economic benefits of geo-tourism; Opened up three study tour and self-driving tour routes; Held a beneficial activity of “Yandangshan Healthy Village Tour” at the theme of “Tour + Theme”, and launched 5 routes of “Healthy Village Tour”.

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

Held more than 30 popular science activities like “4.22 World Earth Day”, “Popular Science into Community”, “Popular Science into Campus”, “Summer Camp for Research Tours” and

"International Disaster Reduction Day". Monitored and managed geological relics in Yandangshan in real time, regularly carried out geological monitoring and disaster prediction, carried out inspection and supervision of geohazards and potential geological hazards, managed geological hazards in the back mountain of Drunk Fairy Floor, timely protected the rockfalls in Guanyin Cave and maintained the landslides in Yanshan Road. Systematically reformed the information engineering to achieve full coverage of lightning protection and lightning protection in geoparks.

Strategic Partnership

Cooperated with the Geotechnical Structural Committee of the International Society of Engineering Geology and Environment, the Chinese Academy of Geological Sciences, Zhejiang Geological Survey Research Institute, Zhejiang Geological and Mineral Research Institute and other scientific research institutes to carry out geo-scientific research; cooperated with more than 120 tourism agencies nationwide to carry out geo-tourism propaganda and promotion; and cooperated with Internet media such as Ctrip and Donkey Mother to carry out Geopark network promotion; cooperated with local enterprises such as Juyoupin, Maofeng of Yandangshan, Tiefengtang Dendrobium of Yandangshan and Dingdong Spring of Yandangshan.

Promotional activities

With important events and festivals, formulated and promulgated a diversified policies of benefiting the people in different seasons, different regions and different groups of tourists, and launched 14 activities of benefiting the people, achieved a good effect of "More prosperous in peak seasons and not less in off seasons"; with the theme of "Charming women, Happy ladies" to hold special tour activities "Woman's Day"; with the theme of "Tour in Beautiful China, The most Beautiful Yandangshan", launched activities of "5.19 China Tour Day", "World Tourism Day" and so on; increasingly promoted Yandangshan through websites, Wechat, Weibo and other platforms, and continuously put advertisements on TV stations, Yueqing TV stations, China Travel Newspaper, Jiangnan Travel Newspaper and other media and publications.

4. Contacts:

Manager: Huang Jing 361059978@qq.com

Scientific Responsible (Geologist): Wu Zhenyang, He Zhenyu and Sun Wenyan