

GGN - Tianzhushan Geopark Annual Report 2022

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Tianzhushan UNESCO Global Geopark (P.R.China, APGN)

Year of inscription / Year of the last revalidation: 2011/2019

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



The Donation Ceremony of Dinosaur Egg Fossils in Tianzhushan UGGp

2. GEOPARK FIGURES

Number of Geopark staffs: 244 staffs including 6 geoscientists

Number of visitors: 1.2 million person times.

Number of Geopark events: 16

1. In January, Tianzhushan UGGp went into Qianshan Special Education School to carry out science popularization activity, actively participated in their special teaching and cared for disabled students;

2. On World Wildlife Conservation Day in March, Tianzhushan UGGp went to Tianzhushan Central Primary School and Doumu Central Primary School to give lectures on bird protection, carried out bird science popularization interaction, and took young students to Qianshuihe National Wetland Park to watch birds and get close to nature;

3. In March, 2022 Training Course on the Management and Development of Tianzhushan Global Geopark was held, and the geopark staff and tour guides were trained on the identification of rare and endangered animals and plants in Qianshan City, the geological evolution and development of

Tianzhushan, and the overview of paleontological fossils of Qianshan Basin;

4. During the World Earth Day Publicity Week in April, the Geopark was free of charge for people across the country and carried out science popularization activities covering paleontological fossils, garbage classification, and the mysteries of plants, and distributed publicity materials and environmental protection souvenirs in the geopark;

5. During the International Museum Day in May, Little Interpreters' Competition was held in conjunction with Tianzhushan Central Primary School to tell stories of the geopark and pass on the spirit of volunteer service;

6. During International Biodiversity Day in May, Tianzhushan UGGp organized young students to visit Tianzhushan Geopark Museum and carried out a science popularization lecture on biodiversity;

7. During the Dragon Boat Festival in June, Tianzhushan UGGp went into the community to carry out education activities, popularizing traditional cultural knowledge and teaching young students to make zongzi;

8. During the National Science Popularization Week in September, three lectures on geology and paleontological fossils were held in Shuihou Central Primary School, Panpu Central Primary School and Tianzhushan Geopark Museum;

9. In October, together with other 8 geoparks, Tianzhushan UGGp celebrated the first International Geodiversity Day with the theme of "International Geodiversity Day -- Appreciating the Beauty of Geoparks";

10. On the International Day for Disaster Reduction in October, Tianzhushan UGGp went into Qianshan No. 2 Middle School to give a special lecture on "Types of Geo-disasters, Early Warning and Early Action";

11. Tianzhushan UGGp recruited more than 60 students and parents twice online to participate in nature education activities such as bird watching and plant research.

Number of school classes realize Geopark educational programmes: 16

Number of Geopark press release: 95

3. GEOPARK ACTIVITIES

Major achievements in 2022

1. Fossils of dinosaur eggs were first discovered in the Mesozoic and Cenozoic red beds of Qianshan Basin. The discoverer donated the dinosaur eggs to Tianzhushan Geopark. After the study by paleontologists, they were named *Shixingoolithus qianshanensis*;

2. An alligator fossil was found in Tianzhushan UGGp, scientifically named by paleontologists as *Qianshanosuchus youngi*, which belongs to the basal Crocodylidae, and its existence proves that Crocodylidae came to Asia to branch out in the early Paleocene;

3. Tianzhushan UGGp won the Popular Science Education Base of the Paleontological Society of

China;

4. Remarkable achievements in volunteer service. The Qianshan City Science Popularization volunteer service team participated in the second New Era Civilization Practice Volunteer Service Project Competition of Qianshan City and won the second prize.

Contribution towards GGN - Networking and participation

1. Tianzhushan UGGp participated in the symposium on the development of tourism geology online, and a representative of the geopark was invited to make a special report about the geotourism;

2. Tianzhushan UGGp, together with other 7 UGGps, participated in the "Sustainable Development Forum on Global Geoparks Science Popularization Industry " in the "Fifth National Science Popularization Education Forum and Guangdong Science Popularization Platform Seminar", and a representative of Tianzhushan UGGp shared their experience of science popularization work;

4. The delegation of Yimengshan UGGp visited Tianzhushan UGGp to carry out in-depth discussion on the construction of geoparks, geoheritage protection, scientific research and science popularization, geopark management and revalidation work, etc;

5. Tianzhushan UGGp participated in the 7th APGN Symposium online, and a representative gave an oral report to share experience of science popularization;

6. Tianzhushan UGGp, together with other 8 geoparks, carried out science popularization activities to celebrate the first International Geodiversity Day with the theme of "International Geodiversity Day-- Appreciating the Beauty of Geoparks";

7. Tianzhushan UGGp attended the 2022 Annual Meeting of China's UNESCO Global Geoparks.

Management and Financial Status

- Management Structure: Tianzhushan Global Geopark Administrative Committee, 1 employee was newly recruited
- Financial Status: the financial status is in good situation with ticket income of 130 million yuan and over 50 million yuan invested on the geopark management and construction

Geoconservation

1. Systematic scientific protection was carried out on Lijialaowu fossil site in Wanghu Village, Huangpu Town, and boundary monuments, warning signs and interpretive signs were set up;

2. Tianzhushan UGGp patrolled geoheritage sites for 11 times, and timely reported and organized maintenance in view of the damage of fences and boundary monuments at some geosites;

3. In order to better protect the paleontological fossils of Qianshan Basin, Tianzhushan UGGp started to compile the *Protection Plan for Paleontological Fossils in Qianshan*;

4. To create a national civilized tourism demonstration unit, Tianzhushan UGGp updated the layout

of all the interpretation boards of geosites.

5. 735 workdays in field patrols and 860 workdays in community promotion;

6. 40 geoheritage maintainer volunteers were developed.

Sustainable tourism (Geotourism)

In 2022, Tianzhushan geopark totally received 1.2 million person times, developed more than 400 agritainments, possessed 11,000 beds, more than 100 tourism shops, and achieved comprehensive geotourism income of 180 million yuan, which promoted the development of agriculture, forestry, service industry, handicraft producing and cultural industry.

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

Tianzhushan UGGp held science popularization activities during April 22nd World Earth Day , June 5th World Environment Day, International Biodiversity Day, International Geodiversity Day and National Science Popularization Day, completed 9 geoscientific lectures with more than 1000 students.

Strategic partnership

Tianzhushan UGGp signed a strategic cooperation agreement with 311 Geological Team of Anhui Bureau of Geology and Mineral Resources Exploration, and the two sides will carry out cooperation in field teaching practice base construction, training of young scientific and technological talents, transformation and application of scientific and technological achievements within Tianzhushan Geopark.

Promotional activities

Based on innovated tourism products, Tianzhushan UGGp innovated publicity and marketing methods, expanded the tourism market and vigorously developed research-travel products and recuperation products. Committed to the "Philanthropic Tianzhushan is Concerned about the Whole World" brand publicity, Tianzhushan UGGp cooperated with CCTV, provincial and municipal TV stations all year round, made use of new media, continued to participate in the common advertising of Anhui provincial 5A tourist attractions, set Tianzhushan promotion booth at Tian 'anmen Subway Station in Beijing, and broadcast Anhui rural cuisine on CCTV Taste and Home for Dinner columns. The Geopark cooperated with China Promotion and On a Pleasant Journey programs of Jiangsu TV Station for online and offline promotion, built a new propaganda platform and created an omnimedia matrix.

4. CONTACTS

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