

GGN - Geopark Annual Report 2021

1. GEOPARK IDENTITY

Geopark name, country, regional Network: Guangwushan-Nuoshuihe UNESCO Global Geopark/ China/ Asia Pacific Geoparks Network

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

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



COP15 in China: Ecological Civilization-Building a Shared Future for All Life on Earth

Science popularization webcast about Guangwushan-Nuoshuihe UNESCO Global Geopark

2. GEOPARK FIGURES

Number of Geopark staffs: 46 staffs including 6 geoscientists

Number of visitors: over 586,000 persons

Number of Geopark events: 8

Number of school classes realize Geopark educational programmes: 15

Number of Geopark press release: 97

3. GEOPARK ACTIVITIES

Major achievements in 2021

The preparatory work for the first revalidation of Guangwushan-Nuoshuihe UNESCO Global Geopark was launched in full; completed the updating and maintenance of Nuoshuihe Geological Museum, the viewing deck and signs & interpretation system, signed 22 new cooperative partners, and completed the upgrade of 2 science education schools and 3 science education communities;

organized and completed the compilation of the *Plan of China Guangwushan-Nuoshuihe UNESCO Global Geopark (2021-2035)*; organized a series of special science popularization activities, such as The Spring Festival-Science Education Carnival, 4.22 The World Earth Day, 6.25 National Land Day, 12.5 World Soil Day “science education on campus”; the scientific research project, *Impact of Public Tourism on the UNESCO Global Geopark and the Supporting Capacity of the Geopark or Single Sites*, successfully passed the review, and the result was published in the domestic core journals; successfully established the fourth educational base of ecological civilization in Sichuan Province; assisted China Education Television to complete the preliminary shooting work of Science Teenager Group; organized and completed the production of 7 episodes of science education publicity videos for Guangwushan- Nuoshuihe UNESCO Global Geopark, and exhibited them on platforms such as xuexi.cn; carried out a science popularization webcast about the Geopark, whose theme is COP15 in China: Ecological Civilization-Building a Shared Future for All Life on Earth; the Guangwushan-Nuoshuihe UGGp-theme music film *Welcome to Bazhong* won the third place of Sichuan cultural tourism publicity works; applied for provincial ecological civilization science education base of Guangwushan-Nuoshuihe UGGp Museum.

Contribution towards GGN - Networking and participation

1.The Geopark actively participated in the 9th International Conference on UNESCO Global Geopark; 2.participated in the opening ceremony of the monument of Yimengshan UGGp of Shandong and the Symposium on the Construction and Development of the UNESCO Global Geoparks; 3.Exchange visits with Danxiashan UGGp and Tianzhushan UGGp; 4.signed 22 cooperative enterprises (partners) such as hotels and museums in the province, and preliminary cooperation intention has been achieved with Southwest University and China Agricultural University.

Management and Financial Status

Guangwushan-Nuoshuihe UNESCO Global Geopark is administered by a unified management organization—the Sichuan Guangwushan-Nuoshuihe National Geopark Management Committee which was founded in 2011. In order to speed up the application of the Geopark as the China Guangwushan-Nuoshuihe UNESCO Global Geopark, Guangwushan-Nuoshuihe Geopark Management Committee and Expert Committee were founded in 2016 to take charge of decision-making for major events. Upon the basis of past management organization, the Sichuan Guangwushan-Nuoshuihe National Geopark Administration was set up in 2017, which comprised its office, the Global Geopark Museum Management Office and Geoheritage Protection Department, along with Geopark Management Bureaus of Tongjiang County and Nanjiang County. In 2019, "Sichuan Guangwushan-Nuoshuihe National Geopark Administration" was renamed "Sichuan Guangwushan-Nuoshuihe UNESCO Global Geopark Administration Office", with functions and responsibilities adjusted. In 2020, "Sichuan Guangwushan-Nuoshuihe UNESCO Global Geopark

Administration Office" was renamed "Administration Center of Guangwushan-Nuoshuihe UNESCO Global Geopark • Sichuan". The Center hosts work meetings regularly, studies and addresses major issues about the Geopark. Besides, it adjusted Geopark Expert Committee, reviewed and confirmed the *Guangwushan-Nuoshuihe UNESCO Global Geopark Plan (2021-2035)*.

Sources of funding for Guangwushan-Nuoshuihe UNESCO Global Geopark is primarily from the budgets of national, provincial and local governments. The funding is mainly used in five areas, namely the construction of infrastructure, scientific research, scientific knowledge education, geoconservation, marketing and promotion, and management of personnel. Meanwhile, funding for geotourism development, certain infrastructure construction and other endeavors within the territory of the Geopark mostly came from the Bazhong Culture & Tourism Development Co., Ltd., local budget allocation and proceeds from admission ticket sales, and these expenditures are completely independent from the Geopark management organization.

Geoconservation

In addition to the protection of geohéritages, Nuoshuihe Geological Museum was upgraded and renovated in 2021. Seven viewing decks and over 300 scenic area signs & interpretation systems were updated and maintained. Many other works were completed, namely the installation and use of monitoring system for Nuoshuihe Area's important geohéritage sites, the research on the public tourism supporting capacity of the Geopark or single sites, the upgrade of the geohéritage database and the bilingual website of the Geopark.

Sustainable tourism (Geotourism)

The Geopark finished the establishment of Guangwushan Tourist Scenic Area as the national AAAAA level tourist attraction, completed the updating of the interpretation board of Micangshan Tourist Scenic Area and Guangwushan Tourist Scenic Area, assisted China Education Television to complete the preliminary shooting work of Science Teenager Group, and formulated 3 routes for geotourism. 7 tourist toilets in geopark were built and 3 were rebuilt.

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

In April 2021, we jointly carry out the activities of science popularization into communities, schools, factories and mines with other related departments. From June to September 2021, museum science education season activity was organized in the Geopark Museum. Science popularization education activity on biodiversity and earth protection was carried out for tourists and primary and secondary school students, attracting more than 50,000 people and enhancing the public's awareness of loving the earth and protecting the ecological environment. In October 2021, a series of activities such as Sun Yat-sen University "Geopark research and study tour" were held and we conducted the investigation and management of geological hidden dangers in the Geopark.

Strategic partnership

The Geopark reached cooperation intention with Southwest University and China Agricultural University, signed partnership agreements with 22 enterprises, such as Felton Grand Hotel Bazhong, Evergreen Tongjiang Hotel, Tongjiang Tremella Museum of China and 9 Yards Resort Nuoshui River Bazhong, and actively participated in the establishment of Guangwushan Nuoshuihe cultural tourism development demonstration area.

Promotional activities

In May 2021, the Geopark actively co-hosted a webcast of science popularization about Guangwushan-Nuoshuihe UNESCO Global Geopark, whose theme is COP15 in China: Ecological Civilization-Building a Shared Future for All Life on Earth, participated in the third Qinba Mountain Area Green Agriculture and Forestry Industry Investment and Trade Fair and set up a booth, focusing on promoting “Welcome to Bazhong” UGGp regional brand cultural and creative products and agricultural and sideline products of geopark characteristics. 19th Sichuan Guangwu Mountain International Red Leaf Festival and the 7th Guangwu Mountain Ice and Snow Festival are held in the Geopark, and the average of about 30,000 visitors per day during the Red Leaf Festival greatly promoted the local tourism revenue. China Central Television (CCTV), the former China Land and Resources News, Sichuan Television, Sichuan Daily and other mainstream media have covered the Geopark's activities.

4. CONTACTS

Manager: Xu Fei gwsnsh@sina.com

Geologist: Fan Xiao