

# GGN – Leye-Fengshan Geopark Annual Report 2016

## I . GEOPARK IDENTITY

### **Geopark name, country, regional Network:**

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

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

## II . GEOPARK FIGURES

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

**Number of Visitors:** 1.2 million person times

**Number of Geopark events:** 70

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

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

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

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

### **III. GEOPARK ACTIVITIES**

#### **1. Major achievements in 2016**

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

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

#### **2. Contribution towards GGN - Networking and Participation**

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

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

### **3. Management and Financial status**

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

### **4. Geoconservation**

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

## **5. Sustainable tourism (Geotourism)**

The geopark built 6km-long hiking trails and safety rails, 6 sightseeing platforms with an area of 300m<sup>2</sup>, completed the layout of Leye Geo-Museum (3500 m<sup>2</sup>), the main body of Fengshan science popularization exhibition hall and the water-power engineering, maintained the facilities in the geo-museum, solidified partial hiking trails and sightseeing pavilions and renewed partial tourism signs, etc.

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

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

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

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

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

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

## **7. Strategic Partnership**

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

## **8. Promotional activities**

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

## **IV. Contacts:**

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