



◆ English Riviera Global Geopark - Permian deposits at Preston Beach



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Office of the Global Geoparks Network (supported by UNESCO and MLR of China)
Chinese Geoparks Network
Address: 26 Baiwanzhuang Road, Beijing, 100037, P.R. China
Tel: +86-10-68999623
Fax: +86-10-68310894
Email: cgn@cags.ac.cn
Website: www.globalgeopark.org

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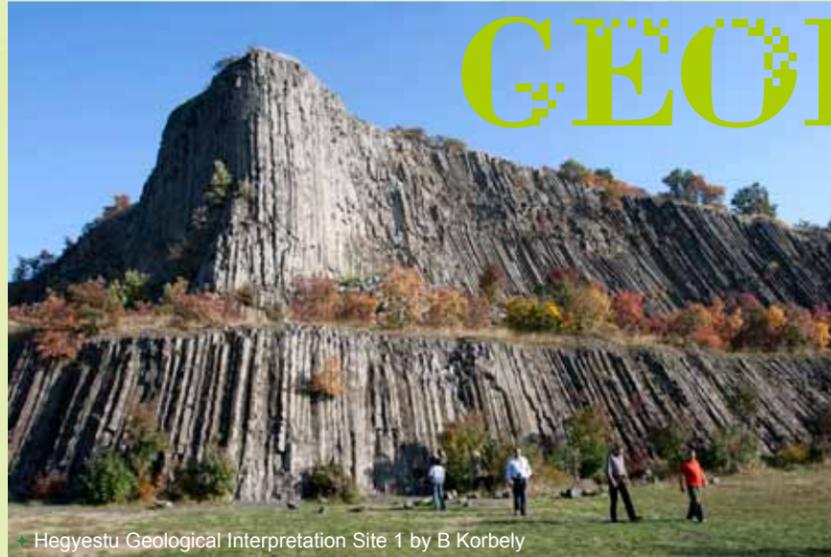
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Our coexistent life style in the Toya-Usu Global Geopark, Japan

Toya Caldera and Usu Volcano Geopark, Japan

◆ Toya-usu

Toya Caldera and Usu Volcano Geopark is a volcanic geopark located in Hokkaido, in Northern Japan. Recently we see so much eruption news on various media around the world. In Japan, as well, Ontakesan, Asamayama, Oowaku-dani and Okino-abujima erupted. We were very sorry to know the sacrifice ...63 people died and are missing in Ontakesan. And also those natural disasters deliver a hard blow to scenic sights, hotels, restaurants and shops around volcano. Especially Hakone area is just in a panic because people think that all. Hakone area is very dangerous. It is important to show the hazard map and the safe area. Around Usu volcano, we know that it has eruptions every 30 years. So that we are learning, visiting and gathering in order to get along with the mountain. "Volcano Meister" is an answer. We, Volcano Meister, are the persons who learn and notify.

We guide people and students to the mountain, explain about the history because our style of "how to live with the volcano" is their clue. The theme of our Toya-Usu Global Geopark is "We are living on an ever changing earth". Mt. Usu and our lives are near. Once eruption begins we need to evacuate for a few months or years. We experienced 4 evacuations in 100 years. They gave us intuition and awareness. We realized we need to get our own way to live. Volcano has both faces, good and bad. We should notice both sides are necessary. For over forty years our community has been educating

the local school children about the volcanoes by taking them to climb and see the changes firsthand and come to know the mountain naturally without fear. As these children become adults in various positions in the community they will be able to react wisely and support the evacuations during coming disasters. They are also able to realize and appreciate the many blessings that the volcano gives us. Such as the beautiful scenery, fertile farmland, rich sea life, healing hot springs, increasing tourism, and great boost to the local economy. Global Geoparks will also cooperate with each other to help in the event of future disasters.



◆ Field



◆ Eruption

Geography China TV Program Group of CCTV Channel 10

Stepping in Baiyunshan Scenic Area of Mt. Funiushan Global Geopark

Mt. Funiushan Global Geopark, China

At the invitation of the management office of Songxian park in Mt. Funiushan Global Geopark, the telefilm production group from CCTV Science and Education Channel and professors from Henan Institute of Land and Resources Science have been to Baiyunshan Scenic Area for creation of popular science program during the period from July 1 to July 12, 2015. They conducted field interview with the folks of Stone tribe in Mt. Jiugaoshan, also photographed the sea of clouds above Yuhuangding and five-level waterfall along Baihejiulong Stream and ancient ginkgo trees in Yunyan Temple etc. from ground multi angle and aerial high coverage. Some experts explained the natural riddle occurred in Mt. Baiyunshan area from the fields of geology, meteorology and Biology, and the local people told stories about their common and interesting lives in the program who had been invited by the production group.

The "Exploring Riddle in travel" (tentative name) with full of knowledge and interest added wonderful chapter for the large geological science popular advertising telefilm "Charming Funiu Mountain", and also increase new scientific connotation for Mt. Baiyunshan Scenic Area in Mt. Funiushan Global Geopark. The film is expected to be broadcasted during the Spring Festival of 2016 from 5:40 pm. to 6:10 pm., please pay more attention to it.



A grant from the Environmental Trust Foundation

Stonehammer Global Geopark, Canada

The grant from the Environmental Trust Foundation from the Province of New Brunswick for summer programming. The program team worked very diligently to develop and implement a fun and interactive activity based four hour program that teaches the children about the earth and the unique features we have in Stonehammer. We are working with the Saint John Boys & Girls Club, the YMCA, Regional Library and Passport to Parks and will reach children ranging in age from five to twelve with the programming happening at one of the geosites. Our goal is to connect with 1100 children over a 10 week period. This is a pilot project for Stonehammer and if it is successful we hope to continue to build on the programming in the coming years.



◆ Summer camp activities 2015

The first children's book of Stonehammer Global Geopark

Stonehammer Global Geopark, Canada

By spring of 2016 we will publish our first children's book! The title is still being finalized but the storyline has our mascots, Chip and Crystal, along with their pet fossil, learning how their tablets and other devices receive power. The book will be written at a grade four level (age nine) and will highlight the industries within the geopark

such as nuclear and oil along with sustainable energy options such as solar, wind, tidal and geothermal. This project has been made possible through grants from the Canadian Geological Foundation of Canada and the New Brunswick Energy Institute.

Itoigawa Global Geopark Proves Popular for School Trips

Geopark promotes itself as an ideal destination for education

Itoigawa Global Geopark, Itoigawa, Japan

Since beginning Geopark activities, the Itoigawa Geopark has placed an emphasis on education and its role within the Geopark model. Every year, schools from around the country choose Itoigawa Geopark for its excellent geological and cultural properties and the learning opportunities and experiences they afford to visiting students and faculty.

a staggeringly abundant variety of stones. Naturally cleaned and polished by the river currents and waves, these stones are easily identifiable and ideal for courses in mineralogy and petrology. Especially sharp-eyed students may even discover jadeite along the shore, carried by river currents from the Kotakigawa and Omigawa Jade Gorge Geosites to the shores of the Sea of Japan. This is the same jade that was collected and used in jewelry by the Jomon people over 5,000 years ago—the oldest jadeworking culture in the world. At the Chojagahara Archaeological Museum, students can try producing beads and jewelry using the same methods as these prehistoric people.

visit various sites throughout the Itoigawa Geopark With so much to offer schools and their students, the Itoigawa Global Geopark is continuing to expand its school tour programs. Already popular with schools within Japan, we hope to develop our programs further in order to bring in schools from the Asia-Pacific Region and the rest of the world.



◆ Students of Nyuuzen High School present on their research

With summer vacation beginning in Japan, many schools are visiting the Itoigawa Global Geopark to take advantage of the variety of learning resources and hands-on experiences available here. Students can learn about the formation of the Japanese Islands and the Itoigawa Region's rich geological history at the Fossa Magna Museum. They can then go out into Itoigawa Geopark's 24 Geosites and inspect for themselves the geological heritage that forms the evidence of Japan's formation and more. Students can also search for and inspect fossils found in the Itoigawa Geopark's abundant limestone, sandstone, and mudstone. Itoigawa's rocky shores and riverbeds offer



◆ Students of Saitama's Urawa Daiichi Girl's High School

Shennongjia Global Geopark

Reinforces Youth Geoscience Education

Chen Jinxin, Fang Xiaozhen

Administration Bureau of Shennongjia Global Geopark, China

The geoscience summer camp co-organized by Shennongjia Global Geopark and Hubei Shennong Tourism Investment Group officially opened at Shennongjia Geoscience Institute on July 8th. Till the end of August, over 500 primary school students from Beijing will join in the summer camp successively in 7 groups, 5 days for each group.

The summer camp includes indoor and outdoor activities. In Shennongjia Geoscience Institute, the staff of Shennongjia Global Geopark gives the students a vivid and easy-to-understand presentation about the location of Shennongjia Global Geopark, its abundant geo-heritages and how the mountains and valleys in Shennongjia were formed. After the presentation, the geopark staff takes the students into Guanmenshan Subarea and Shennongding

Subarea, and teaches them knowledge about the geology of Shennongjia by on-site interpretation.

This summer camp, which is the longest and biggest geoscience education event Shennongjia Global Geopark has ever held and the geopark's third major education activity in this year, is planned, organized and implemented according to the Geoscience Education Plan of Shennongjia Global Geopark 2015-2017. As a part of the geopark's geoscience education program, this event will significantly promote the popular science education of Shennongjia Global Geopark. Additionally, the geopark has been compiling and designing a popular geoscience book, which will be published by the end of 2016. The geopark's geoscience education work has reached a new level under the common effort of the geopark staff.

◆ Director of Shennongjia Geoscience Institute explaining how mountains are formed Photo by Fang Xiaozhen



◆ Geopark interpreter explaining how Shennong Valley was formed Photo by Zhong Quan



◆ On-site interpretation Photo by Fang Xiaozhen



◆ The kids and the geopark staff Photo by Fang Xiaozhen

What is a Geopark for you?

An Environmental Education Experience for School Children at the Maestrazgo Geopark

Maestrazgo Cultural European and Global Geopark (Teruel, Spain)



Participants in the 4th edition from the school of Berge (247 inhabitants), and their teachers.



Drawing made by Laia Santiago (aged 11 years, Castellote), the winner in 2013 of the 2nd edition of the contest What is a Geopark for you? (category 3rd-6th years elementary school).



Drawing made by Mohammed Chiaibi (Molinos), the winner of the 4th edition of the contest What is a Geopark for you? (category 3rd-6th years elementary school).

Maestrazgo Geopark (Teruel, Spain) holds, since 2012, a drawing contest addressed to 3-12-years-old schoolchildren. This contest aims to spread the Geopark's values. The analysis of their graphic expressions brings out their high degree of knowledge about some of the palaeontological elements, including the sporadic representation of some geological features. As a whole, the schoolchildren's view on the cultural and natural heritage is very useful to manage the Maestrazgo Geopark and to design strategies in the framework of environmental education programmes.

Maestrazgo Geopark stands out for having a rich and varied geological

heritage through a complete sedimentary record of the History of the Earth over the past 200 million years. On the occasion of the celebration of the European Geoparks Week, and in the context of the Maestrazgo Geopark actions focused on environmental education in schools, it has summoned four editions of the drawing contest "What is a Geopark for you?" The objectives of this call are the promotion, understanding and appreciation of the natural environment, highlighting the need for its protection and conservation. This year, 190 drawings participated in the fourth edition of the contest.

According to this initiative, the participating schoolchildren have

the opportunity to capture on paper drawings illustrating how they perceive their geological space and their living environment. In the graphic productions analyzed there are many elements closely related with the geoheritage, in addition to elements of



Participants in the 4th edition from the school of Estercuel (230 inhabitants), and their teachers.



Drawing made by Naiara López (Gargallo), winner of the 4th edition of the contest What is a Geopark for you? (category kindergarten plus 1st-2nd years elementary school).

cultural and natural interest (flora and fauna).

Among the represented elements it could be highlighted the important presence of mountains and palaeontological elements (specially dinosaurs and ammonites) that seem to be interpreted as part of the typical landscape while sharing space with current animals.

The vision provided by children in their drawings is coherent with the geodiversity explained in the area through a selection of geosites enabled for visitors thanks to initiatives such as the Maestrazgo Geopark Viewpoints Network.

Children's point of view provide the Maestrazgo Geopark managers an interesting approach because they reflect the degree of assimilation of the available information, and then allows the design of specific actions within the programmes of outreach and environmental education.

The drawings have served too to work out a traveling exhibition about and around the Maestrazgo Geopark, which attracts the interest both of children and adults, who come to enjoy the quality of the drawings and the interpretation of the local territory performed by their smaller inhabitants.



Ten African Ambassadors Visited Mt. Yandangshan

Qinfei Lu Yandangshan Global Geopark, China

Recently, African Ambassador Group from Tanzania, Uganda, Ivory Coast, Gabon, Namibia, Zimbabwe, South Africa, Congo, Ghana, and Senegal visited Mt. Yandangshan as one of the series activities of "2015 Ambassador Wenzhou Dialogue Activity".

Under the trip arrangement of Wenzhou Municipal Party Committee and Government, ambassador group visited Lingyan Scenic Spot. Member of ambassador group were attracted by the beautiful scenery and Lingyan Scenic Spot, and happily took pictures as souvenir. Members of ambassador group realized the history of Mt. Yandangshan Global Geopark under Director Lin Wanle's introduction. They said, the excellent geology and physiognomy of Mt. Yandangshan Global Geopark is rare and valuable in the world. They were deeply impressed and kept praising the fantastic views in the park. The ambassadors expressed that they would advertise Mt. Yandangshan to their own people. After returning, they would tell their friends and family what they saw here and took them for a visit if possible. Meanwhile, Director Lin Wanle also warmly invited staffs of African geoparks to pay a visit at Mt. Yandangshan for experience communication, and to further expand the breadth and depth of exchanges and cooperation between African geoparks, also to seek for more cooperation opportunities, in order to promote the international reputation of Mt. Yandangshan and achieve more development.



Friendship Flower Blossoming on the Petrified Woods

Yanqing Global Geopark, China



◆ Signing ceremony

Yanqing Global Geopark of China and Lesvos Petrified Forest Global Geopark of Greece have owned the similar geoheritage resources – the Petrified Woods. After several rounds of communication, the two Geoparks have signed sistering agreement for developing the cooperation on the scientific research, protection and conservation of petrified woods and other fields. At present, there are some preliminary cooperation projects and we believe we will achieve fruitful results.

The two Geoparks made mutual visits to establish the sistering relationship. In 2013 and 2015, the delegates of Yanqing Global Geopark inspected Lesvos Island twice while Prof. Nicholas Zouros, the director of Lesvos Petrified Forest Global Geopark, also visited Yanqing twice.

Both sides fully grasp each other's geopark information and hope to make cooperation on geoheritage protection, geopark management, construction and development. On April 30, 2015, the two geoparks formally signed sistering agreement



◆ Visited Lesvos Petrified Forest Global Geopark in 2013

which launched a new chapter of joining hands for development. **The two Geoparks deepened on mutual exchanges and communication.** For making deeper communication and study, Yanqing Global Geopark has sent staff to



◆ Zouros visited Yanqing Global Geopark in 2015



◆ Visited Lesvos Petrified Forest Global Geopark in 2015



◆ Visited Lesvos Petrified Forest Global Geopark in 2015

attend the International Geopark Intensive Courses hosted by Lesvos Petrified Forest Global Geopark twice. They have learned much advanced experiences about the geoheritage conservation techniques, ways for promoting sustainable development of local economy, geo-education methodology which played a positive role in the development and construction of Yanqing Global Geopark.

The two Geoparks should focus on developing scientific and research cooperation about geoheritage conservation. The two sides have made the joint research plan about the silicified woods and dinosaur footprints in Yanqing. Firstly, experts from Lesvos Petrified Forest Global Geopark will make the investigation about the current situation of silicified woods in Yanqing and develop the tentative conservation and excavation project. Secondly, Yanqing Global Geopark will be in charge of the specific project according to the project design. Then, Lesvos Global Geopark will send experts again to inspect the conservation's and excavation's effect and launch the teaching practice for the staff of Yanqing to let them do the next project by themselves.



◆ Petrified woods from Yanqing Global Geopark (in the museum of Lesvos Petrified Forest Global Geopark)



◆ Zouros visited Yanqing Global Geopark in 2013



◆ Visited Lesvos Petrified Forest Global Geopark in 2015

The two Geoparks should keep mutual publicity and expand the cooperation fields. So far, the museum of Yanqing Global Geopark shows the introduction pictures about petrified woods of Lesvos while the museum of Lesvos Global Geopark displays the silicified woods of Yanqing. In the future, the two sides will produce and display each other's leaflets in their own language, co-publish popular science book about the comparative study of two geoparks' petrified woods, send staff to each other's geopark to learn the management experience, hold the temporary exhibition for each other's geopark. All these projects will form a win-win situation.

Yanqing Global Geopark and Lesvos Petrified Forest Global Geopark devote themselves to mutual learning and progress in five aspects such as geoheritage protection and conservation, scientific research and investigation, geopark management and development, geological tourism promotion, communication on science popularization and training. The two sides will promote bilateral cooperation for achieving greater success and strive to make the sistering cooperation a model in the Global Geopark Network.

One thousand adventurers in the opening of the Grand Trail of Muradal-Pangea

Naturtejo Global Geopark, Portugal



◆ Signs pointing far to the Ordovician Period



◆ Discovering the best geological landscapes

More than one thousand hikers filled with life the Muradal Mountain! Around one thousand people participated in the opening of the International Appalachian Trail – Portuguese sector, which covers the Muradal Mountain in the parishes of Estreito/Vilar Barroco, Sarnadas de S. Simão and Orvalho. The initiative, which provided during the day several moments of leisure under the responsibility of the theatre company Viv'Arte, placed the Municipality of Oleiros inside one of the most charismatic hiking trails throughout the world, which covers three continents (American, European and African), implicates 16 countries and a significant set of geoparks under UNESCO.

Fernando Jorge, Mayor of the Oleiros Municipality, stressed that "this is one ground-breaking initiative in Portugal, which began with my predecessor, the José Marques, and we gave continuity. Oleiros is differentiating itself through products that are only possible to find here, such as the Appalachian Trail or the Roasted Kid, among many others".



◆ Local communities welcomed tourists with food and music

The mayor who have by his side the Consul of Canada in Portugal, and the chair of the International Appalachian Trail, Paul Wylezol, the Director of the Centre Tourism of Portugal, Pedro Machado, the chair of Naturtejo, Armindo Jacinto and the presidents from the three parishes, as well as the representative from the Spanish sector of the International Appalachian Trail, Ruth Paredes, showed himself pleased with the number of participants in the event. "Our expectation was high. And yet many were the persons in the waiting list, since due to security and logistic reasons we could not receive more than one thousand people", explained.

The mayor of the Oleiros Municipality reminded that "The International Appalachian Trail is one of the most important trails in the entire world. We hope that this could be an energizing factor for tourism, not only for Oleiros, but also for the other neighbouring municipalities, and yet Naturtejo Geopark, whom was tireless in this process". Otherwise, Armindo Jacinto, chair of Naturtejo, underlined that support, reminding that "the Municipality of Oleiros has always been side by side with Naturtejo and is an example in the promotion of our Nature and Rural Tourism strategy. Today Oleiros is a quality destiny and showed that in so little time was possible to create a product of excellence".

Pedro Machado, chair of the entity Centre Tourism of Portugal, highlighted the importance of the Trail now opened. "This course is an added value for the tourism in this territory, since it concentrates in Nature and Active Tourism, one of its stronger products. This trail allows to not only make possible the practicing of hiking, but due to its nomenclature, leaves it well placed in some markets in

which the Centre Tourism is still not cemented". In front of around one thousand people, David Marion, from the Embassy of Canada, praised the trail in Portugal, and was pleased with "this interaction". On the other hand the responsible for the International Appalachian Trail, Paul Wylezol, showed to be excited with "the Portuguese trail", announcing also a meeting in July, in the United States, where will be present all the international trails that form the Appalachian Trail, and where Oleiros will be also allowed to show its course. Carlos Neto de Carvalho described the significant heritages that are now United by the hiking trail. In the Great Trail Muradal-Pangeia the participants discovered chalcolithic recreations, paths signalled for MTB practice, a climbing area and a "Via Ferrata". The trails in the quartzite cliffs are unforgettable by the landscape possible to reach there as well as the geological phenomena that there can be interpreted. At the bottom of the stream the hikers sigh for a dive in the crystal clear waters in the shade of the alder trees. In the Portelo summit, the walkers joined the local hill communities at the sound of traditional drums coming from Cardosa. In the middle of the trail were made typical desserts known as "Filhós" and were roasting meat in Vilar Barroco, for those who passed by. At the end, after 22 km of walking through heights, at Orvalho were waiting welcoming bonfires and a full supper, where there was no shortage of the singular Callum wine and plenty of street animation.



◆ Wild theatre amused hikers with the recreation of Iron Age life in the mountain



◆ Paul Wylezol, coordinator of the International Appalachian Trail welcoming the crowd

Marking out Idrija Geopark's thematic hiking and cycling trails and sharing them on the web

Idrija Geopark (Slovenia)

Idrija Geopark published its "Experience of natural and cultural heritage" map in 2013, marking out 22 hiking and cycling trails throughout the region covered by the Municipality of Idrija. Its goal was to increase the number of visitors to the trails, as well as to promote the natural and cultural heritage. Due to poor weather conditions over the past two years, marking was not possible in the field. Conditions this summer were in our favour, and we have so far marked nearly half of all the trails. We intruded as little as possible and respected the rational use of our assets by using trail markings that match the colour of the trail on the maps. We mark each trail with an arrow and the number of the trail on the map. Important trail points, as well as the beginning and end of the trails are also marked with the Idrija Geopark logo. Some points are equipped with information boards, with the same information available on the Idrija Geopark website. With the idea of raising their profile outside Idrija Geopark's borders, we have decided to submit our trails to the Geago.si web portal, a tourist information website which allows users an easy and comprehensive view of the natural, cultural and historical heritage and offers from suppliers in the surrounding area. All the trails, with suitable descriptions, will be uploaded to the Idrija Geopark, Visit Idrija and Geago.si websites by the end of the autumn.



◆ Mark on the trail no. 13



◆ Marking the Idrija Geopark trails



◆ Trails are marked with arrows, numbers and Idrija Geopark logo



◆ Celebration of the spring season on the summit of Monsanto



◆ Geo.music in a proto-historic iron mine

Festival of the Landscape 2015 European Geoparks Week

Naturtejo Global Geopark, Portugal

Geoconcert in the Vieiro das Gralhas Geomonument. The physical activity is also a strong component of this event with the Nature Sports Fair, the MTB Orienteering Race in Idanha-a-Nova and the International Congress of Physical Activity. In Nisa, in plain Alentejo landscape, will take place the Book Fair, with side cultural schedule.

During three weeks, took place several educational programs and exhibits intended for the schools, as well as the

awards of the School Contest devoted for the International Soils Year and the celebration of the World Environment Day. The Festival of the Landscape is inserted in the frame of the European Geoparks Week, recognized by UNESCO, celebrated simultaneously by all the European geoparks, which promote nature and culture connected to the environmental sustainability. Remind that is awaited the approval of the Program «Global Geoparks of UNESCO» by the UNESCO General

Conference, in November, after already been approved by its Executive Board in April. You can consult the detailed schedule of this event in the website of Naturtejo Geopark, www.naturtejo.com.



◆ Flowers Festival of Aldeia de Santa Margarida



◆ Educational Programs during the Festival of the Landscape 2015



◆ Orvalho GeoTrail celebrates 10 years

Touring exhibition of “Zhangjiajie Landform” scenery photography held in the top four high-speed railway stations

Xie Yi and Tong Guanghui

Zhangjiajie Global Geopark administrative committee, China



On this July, Zhangjiajie Global Geopark, Chinese Photographers Association, "Popular Photography" magazine and Aoshen Media Group jointly held a touring exhibition of “Zhangjiajie Landform” scenery photography in Beijing, Shanghai, Guangzhou and Wuhan high-speed railway stations successively. More than 70 scenery photographs of “Zhangjiajie Landform” sparked in the exhibition and attracted numerous travelers. To deepen exchanges and cooperation, as well as to promote the “Zhangjiajie Landform” scenery and travel routes, more than 150 travel agencies, many well-known photographers and media are invited. Focused on displaying the “Zhangjiajie Landform” scenery, which is characterized by a combination landscape of sandstone

peaks, stonewalling, gorges, natural bridges, mesas, platforms and karst caves, the response of the exhibition is tremendous. Meanwhile, as part of the improvement plans recommended in the 2014 revalidation letter, the exhibition also managed to improve visitors’ effective awareness of the geosites and geosites protection. Mr. Cheng Danfeng, member of the standing committee, deputy mayor of Zhangjiajie fully involved in the exhibition. “Holding photography exhibition in high-speed railway stations to promote tourism resources is a new attempt of Zhangjiajie tourism marketing” Cheng said, “With photography as the medium, hope this exhibition can let high-speed railway passengers to notice the



beauty of Zhangjiajie, like Zhangjiajie, and come to Zhangjiajie”. In recent years, photography has become an important promotion platform of Zhangjiajie Global Geopark. The park has cooperated with Chinese Photographers Association and held Zhangjiajie Scenery Photography Exhibition in the past two years. Besides, a variety of photography exchange activities has been carried out in association with other agencies, and over 30,000 photographers both at home and abroad have been involved. Photography not only records Zhangjiajie’s “Grand view, Grand occasion, Great momentum”, but also makes Zhangjiajie Global Geopark known to more and more people.



Drifting Apart

Reuniting Our Common Geological Heritage in the North Atlantic region

Magma Global Geopark (Norway)

In June 2015 Magma Global Geopark (Norway) met partners from the Causeway Coast and Glens Heritage Trust (UK-N. Ireland), Trollfjell Geopark project (Norway), Stonehammer Global Geopark (Canada), Reykjanes Aspiring Geopark (Iceland), Marble Arch Caves Global Geopark (Ireland), Global Geopark Shetland (UK-Scotland) and Kenozero National Park (Russia) to launch an exciting three year, €1.6 million Geology Project entitled Drifting Apart.

The project is funded through the European Regional Development Fund’s Northern Peripheries and Arctic Region Programme, Drifting Apart aims to reconnect the geological heritage of six partner countries. Partners will deliver a series of projects which aim to support geotourism, education and businesses across the project area.

Keep up-to-date on the project by visiting www.driftingapart.eu



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Create the Particular Propaganda Model and Delivery the Positive Energy of Science Education

Liu Xiaoling, Wei Doudou
Wangwushan-Daimeishan Global Geopark, China

Since this year, Wangwushan-Daimeishan Global Geopark has taken an active role in scientific research and science education. The geopark has carried out a series of activities to popularize scientific knowledge in succession, which forms the unique propaganda model of Wangwushan-Daimeishan Global Geopark.

Upgrade the geopark infrastructure, and create a strong atmosphere of science popularization

Wangwushan-Daimeishan Global Geopark will meet the third revalidation in 2016. For the better evaluation work and according to the six opinions from the feedback of the UNESCO experts in 2012, the geopark has enacted the rectification construction plan of Wangwushan-Daimeishan Global Geopark (2013-2016) with the project unit after the communication with the related experts. The points of the rectification design are geopark geosciences routes, geological museum and the science education information center, which will promote the geopark infrastructure construction. At the same time, the geopark invited Zhang Zhonghui, an expert of China national geopark, to inspect the three main science education routes in Wangwushan, Xiaogoubei and The Yellow River Three Gorges and improve them. In addition, we check the English interpretive panels and tips, and add some science interpretive panels to create a favorable scientific atmosphere.



✦ The site of geological knowledge contest in Wangwushan-Daimeishan Global Geopark



✦ Students are visiting the Geological Museum under the guidance of the interpreter



✦ Group photo of Wangwushan-Daimeishan Global Geopark geosciences summer camp

Organize the unique science activities, and transfer the positive energy

We have organized the science education activities for five times relying on the holidays as the Earth Day, the Children's Day and the summer holiday. We also have provided more than 5000 pieces of promotional materials. On the Earth Day, April 22, we hold the activity of "The 10th Anniversary Tour Exhibition of China Global Geoparks" commissioned by the office of the Chinese Geoparks Network. We exhibited 32 boards of 31 China Global Geoparks to the public to show them the geological structures and geomorphic features, which will remind people of protecting the geological heritage. On the Children's Day, we went to schools to send geosciences materials, held the geological knowledge lectures, and enhanced the propaganda of geosciences knowledge, which is aimed at encouraging the student to attend the geological activities. During the summer holidays, The 1st Wangwushan-Daimeishan Global Geopark summer camp opened. we organized about 100 students to attend the activities including 'visit the geological museum with the interpreters', 'pick up the white trash- grooming the geological museum', 'geological knowledge contest', and 'follow me to martial arts', which make the student know the special geological landform of the geopark, increase their geological knowledge, expand their horizons, anneal the will and comprehend the charm of nature. Moreover, we call for the collection of photography works on the landscapes, viewing stones, geology geomorphology, geological structures, human sceneries and rare animals within the scope of Wangwushan-Daimeishan Global Geopark, including Wangwu Mountain, Xiaogoubei, the Yellow River Three Gorges, Daimei Mountain, Longtan Valley.



✦ Organize the activity of scientific knowledge entering the school and delivery geological materials to the students.



✦ The 10th anniversary tour exhibition of China global geoparks

The Muroto Global Geopark Center opened in April 2015

Muroto Global Geopark, Japan



The Muroto Global Geopark Center was newly opened on 29 April 2015, aiming to draw visitors in to get field experience of the main theme of Muroto Global Geopark: "Where the ocean and the land meet; the forefront for the birth of new land." The Center also aims to provide visitors with a richer experience than they could have out in the field itself, because the Center can communicate information that is not visible to people out in the field – for example submarine topography, and past movements of the earth over a geological timescale. In November 2011, it was decided to renovate a closed junior high school building into the Muroto Global Geopark Center. The school had closed down in March 2011.

Refurbishment work started in December 2013, and was completed at the end of March 2015. The Center is open year round, and is free to enter; it promises much in the areas of maintenance of the local Earth heritage, education and progress of local tourism through geotourism, along with disaster-prevention education. The Center's reception desk also acts as the reception counter for geo-tours and experience programs, and is starting to function as a focal point for geotourism. A bicycle rental service has been set up, and tours of local factories have also started, organized in conjunction with these local firms. New programs for geotourism are being developed, along with new tools.



The 4th Asia-Pacific Geoparks Network San'in Kaigan Symposium

The 4th Asia-Pacific Geoparks Network San'in Kaigan Symposium (hereinafter "the 4th APGN Symposium") will be held from September 15 to 20, 2015 in the San'in Kaigan Global Geopark, Japan and will provide participants from Asia-Pacific National Geoparks with the opportunity to actively share ideas while deepening understanding among APGN members. We are very pleased to share the activities and results of the Japanese Geoparks Network with the Asia-Pacific region.

The theme of the 4th APGN Symposium is "Geoparks: Networking and Society", covering diverse topics such as management and networking, sustaining local communities, geotourism, education (school/life-long), geohazard risk reduction, prevention and mitigation, the sea and people's lives, conservation and interpretation of nature, cultural heritage and living human treasure, aspiring geoparks, and improvements based on assessment and recommendations. Therefore, it will be an important opportunity to discuss how closely geoparks and people's lives are connected. The conference program consists of plenary sessions, oral and poster presentations, excursions, and exhibitions.

The 4th APGN Symposium website: <http://www.apgn-sanin2015.com/>
San'in Kaigan Global Geopark facebook: <https://www.facebook.com/saningeo?fref=ts>



APGN2015



Welcome to GGN2016 in the English Riviera

GGN 2016, the 7th International Conference on Global Geoparks, will be hosted by the English Riviera Global Geopark in the cosmopolitan seaside resort of Torquay, United Kingdom, 27th – 30th September 2016. Join us within the stunning, rolling hills of South Devon, where our incredible geological legacy has created the beautiful coastline of today, which fundamentally links the rich diversity of landscape with wildlife, people and culture. The geological tale behind the

English Riviera Global Geopark (ERGG) is quite spectacular and one of extremes. From a seascape bathed in the warm and beautiful tropical seas of the Marine Devonian to a landscape of arid, barren Permian desert and from our earliest relatives, living in caves, to modern civilization. Nick Powe, chair of the GGN2016 conference project board and the ERGG said: "In September 2016, the three towns of Torquay, Paignton and Brixham will give a warm welcome to colleagues from Global



✦ Birthplace of Agatha Christie



✦ Exploring Kents Cavern, the most important Palaeolithic cave system in North-West Europe

Geoparks and the geosciences, tourism and sustainable economic development communities around the world. Having an international conference in the English Riviera Global Geopark, under the patronage of UNESCO, is a unique opportunity for our territory, the first urban area ever to be granted the status of Global Geopark. The English Riviera will shine a spotlight on the incredible work of the rapidly expanding Global Geoparks Network and we are very proud that this will be happening here



✦ Adventures along the incredible Marine Devonian Limestone coastline

in Devon, UK." Being held in Great Britain for the first time, the conference will welcome delegates concerned with the Global Geoparks agenda from all over the world. Global Geoparks work to develop sustainable economies, eco-tourism and engagement with their local communities, as well as being areas of significant geological interest. His Excellency Mr. Matthew Sudders, UK Ambassador to UNESCO said: "The Global Geoparks conference provides an international platform to support efforts to conserve Earth's heritage while sustaining local communities and promoting science education. We are pleased to welcome this high profile event to Great Britain for the first time. It is

a recognition of the excellent work of the UK in this field that we were chosen to host the Conference." Tim Williams, Chair of the UK National Commission for UNESCO said, "The National Commission is pleased to be associated with this conference. As well as being an opportunity to showcase the UK's rich geological heritage to a global audience, the International Conference will be a valuable occasion for the UK's Global Geoparks to both share best practice and bring new ways of working and learning to the UK to more effectively promote eco-tourism and sustainable development." Register today for latest information and to be informed when official registration opens at www.GGN2016.com



✦ BBC TV Geology Presenter, Professor Iain Stewart, "As Patron, I am delighted that GGN 2016 will be taking place in the English Riviera Global Geopark and look forward to meeting the delegates"

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Melanie Border, English Riviera Global Geopark Coordinator
m.border@englishrivierageopark.org.uk