

首都圈的地质公园

北京延庆世界地质公园管理处

一、地质公园基本概况

二、首都圈的地质公园

三、延庆地质公园建设

四、地质公园未来展望

一、地质公园基本概况

中国国家地质公园历程

我国地质公园计划于2000年
正式启动

宗旨：保护地质遗迹资源、
普及地学科普知识、促进社
会经济的可持续发展





中国国家地质公园分布图



国家地质公园网络中心
中国地质科学院 制作

截止到2014年9月底，国土资源部已陆续批准命名国家地质公园185处。

世界地质公园网络

- 世界地质公园网络（英文简称GGN）于2004年正式启动，首批18个世界地质公园
- 宗旨：保护地质遗迹、普及地学科普知识、促进地方经济可持续发展。



世界地质公园网络中国成员分布图



截止到2015年9月底，世界地质公园网络共有120名成员，其中我国的世界地质公园达33处。

未来之路？



世界地质公园网络：从 志愿组织到国际机构



第38届联合国教科文组织大会

向

联合国教科文组织世界地质公园！

二、首都圈的地质公园

目前北京市地质公园共有8处

世界地质公园：房山世界地质公园、延庆世界地质公园

国家地质公园：石花洞、延庆硅化木、十渡、平谷黄松峪、密云云蒙山

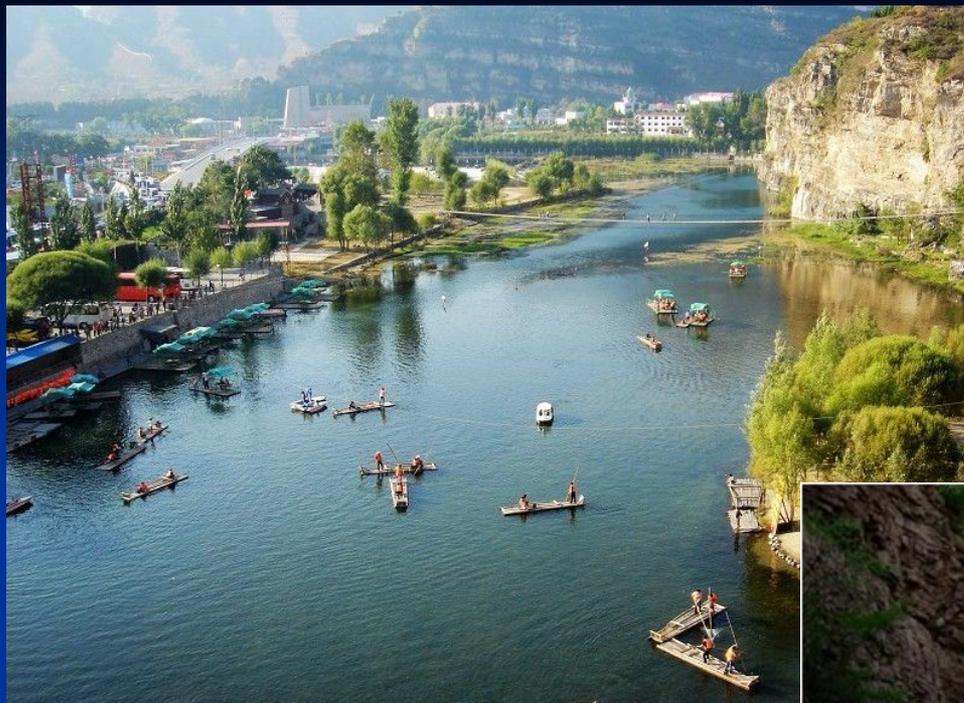
市级地质公园：房山圣莲山地质公园



房山世界地质公园



延庆世界地质公园



十渡



石英砂岩峡谷

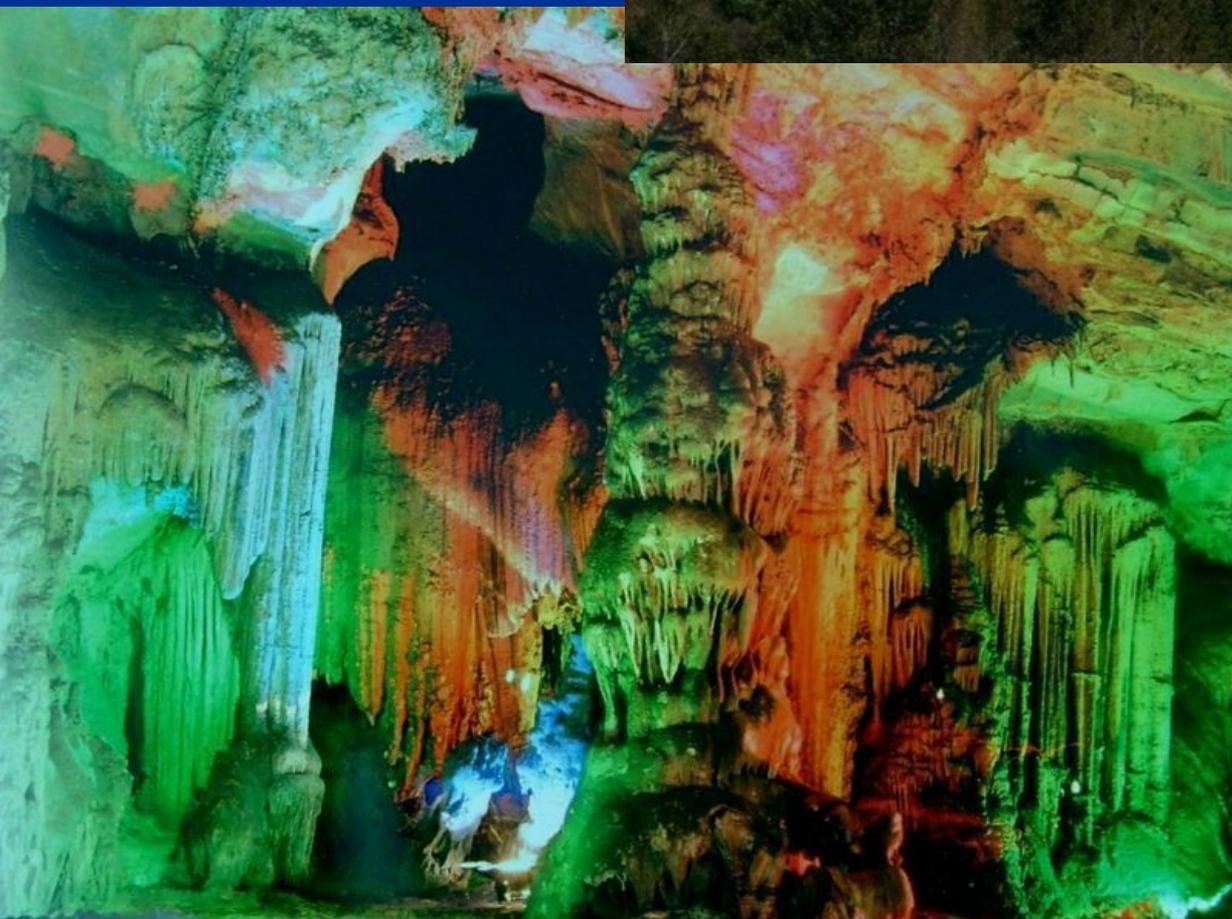


一线天

平谷黄松峪（石英砂岩峡谷）



云蒙山



石花洞



七渡背斜

圣莲山



七渡背斜

三、延庆地质公园建设

(一) 公园概览

(二) 建设进展

(一) 公园概览



2013年9月9日，成功申报中国延庆世界地质公园



中国延庆世界地质公园导览图

Tourist Map of Yanqing
Global Geopark of China

延庆在北京位置 Location of Yanqing in Beijing



- ① 延庆区
- ② 东城
- ③ 西城
- ④ 丰台
- ⑤ 海淀
- ⑥ 朝阳

古崖居园区 Guyaju Scenic Area



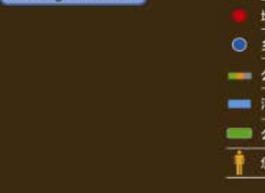
龙庆峡园区 Longqingxia Scenic Area



千家店镇园区 Qianjiaodian Scenic Area



八达岭园区 Badaling Scenic Area



图例

Legend

- ★ 县政府 County Government
- 🏛️ 地质博物馆 Geological Museum
- 🏠 陈列室 Visitor Center
- 📍 地质遗迹点(区) Geoheritage Site (Area)
- 🏘️ 乡镇 Town
- 🛣️ 公路 Road
- 🌊 河流 River
- 🛣️ 公路编号 Road No.
- 👤 您所在的位置 You Are Here

延庆世界地质公园面积620.38平方公里，分为龙庆峡、古崖居、千家店、八达岭4个园区，是以前寒武纪海相碳酸盐岩为物质基础，以中生代燕山运动地质遗迹为核心，集构造、沉积、古生物、岩浆活动及北方岩溶地貌为一体的综合性地质公园。



千家店园区位于地质公园东部，面积
272.85平方公里。4A景区

恐龙足迹 - 硅化木群



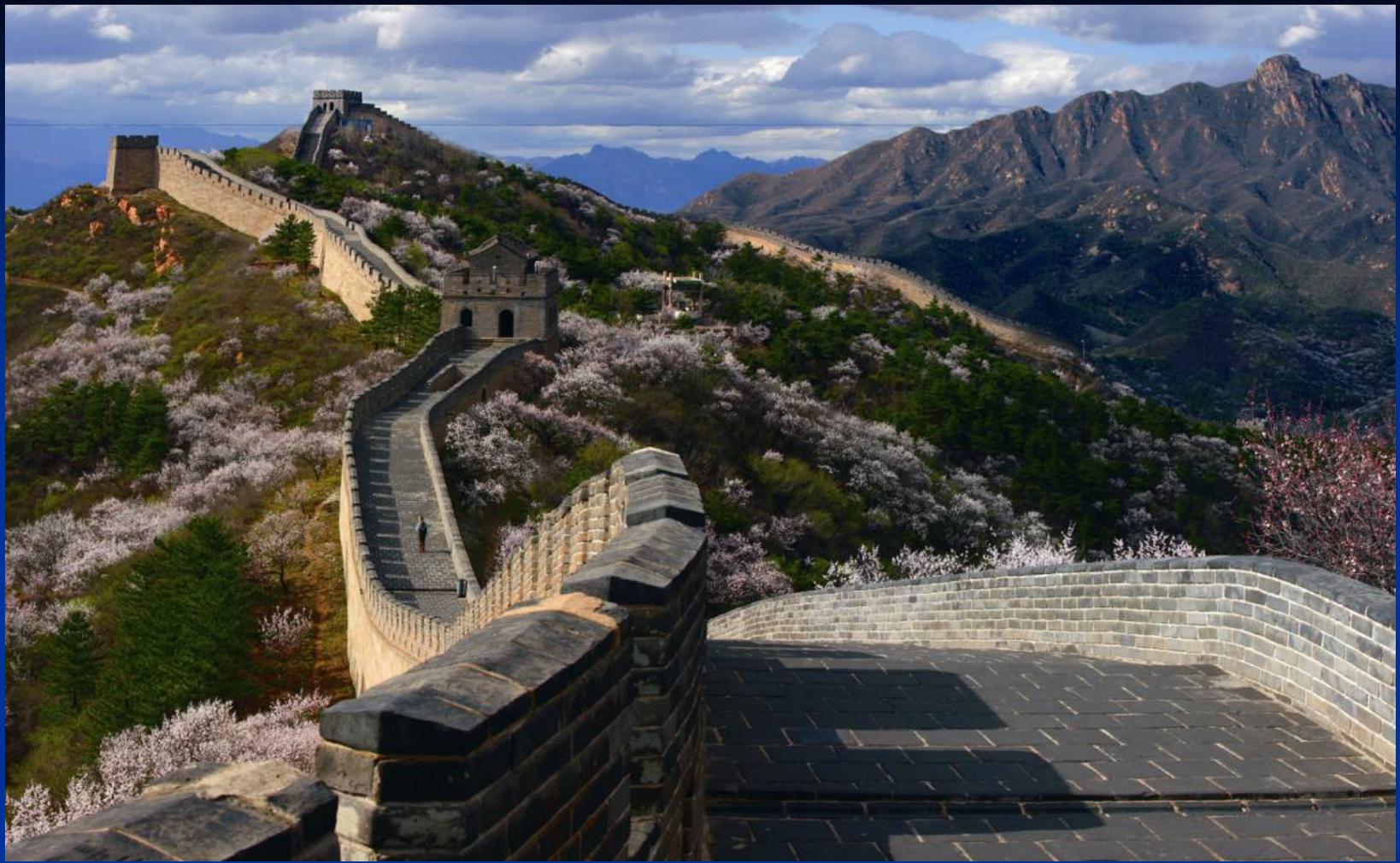


北方岩溶地貌

龙庆峡园区位于地质公园西部，面积108.63平方公里。4A景区



古崖居园区位于地质公园最西端，面积25.9平方公里，是地质遗迹与文化历史完美结合的典范。 国家级文物保护单位、3A景区



八达岭园区位于地质公园南部，面积213平方公里，集重要和丰富的地质遗迹、著名的文化遗址和优美的自然环境为一体。世界文化遗产，5A景区。

(二) 建设进展

1. 打造一流管理团队
2. 重视地质遗迹保护
3. 开展多种形式科教
4. 推动地方经济发展
5. 加强对外交流合作

1. 打造一流管理团队

延庆县机构编制委员会文件

延编委发〔2014〕7号

延庆县机构编制委员会 关于设立延庆县世界地质公园管理委员会 等事项的批复

北京延庆世界地质公园管理处：

你单位《关于成立延庆县世界地质公园管理委员会的请示》（延地文〔2014〕3号）收悉，经研究同意，撤销创建中国延庆世界地质公园工作领导小组，设立延庆县世界地质公园管理委员会（以下简称管委会），为县委、县政府议事协调机构，现将有关事项批复如下：

一、主要职责

管理委员会



地质公园管理处



园区管理部门

聘 书

兹聘请 张建平 为中国延庆世界地质公园专家委员会主任，聘期四年，自二〇一四年一月至二〇一七年十二月止。

延庆县世界地质公园管理委员会
二〇一四年一月一日

中国延庆世界地质公园 专家委员会



中国延庆世界地质公园管理委员会

专家委员会



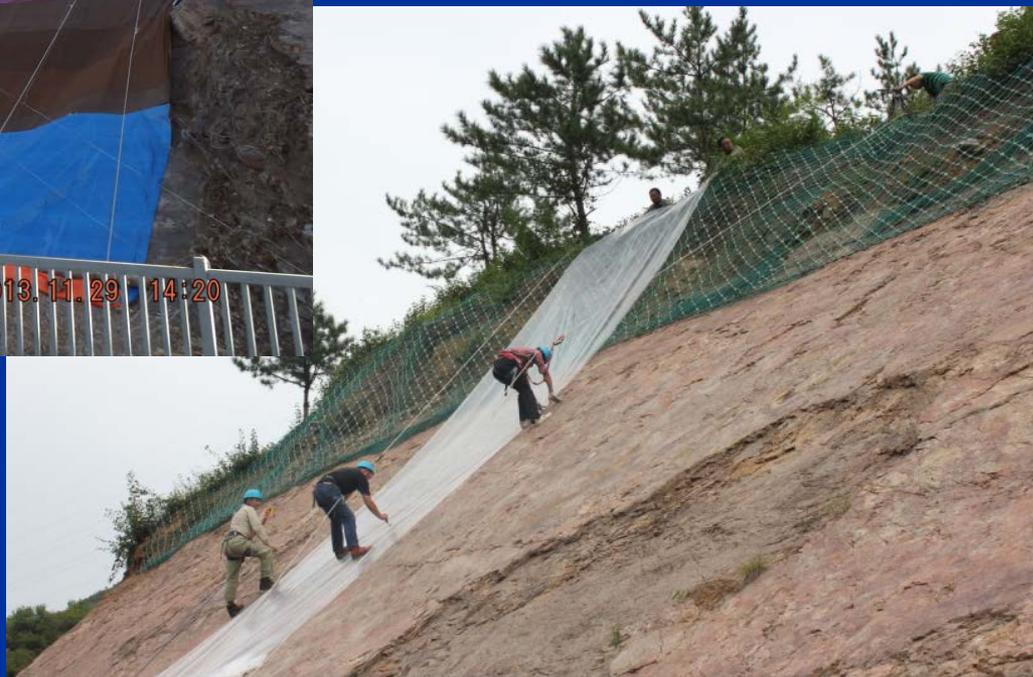
2. 重视地质遗迹保护

(1) 恐龙足迹化石保护区



保护措施：实施栅栏围挡、监控、防护网、排水沟、科研栈道等

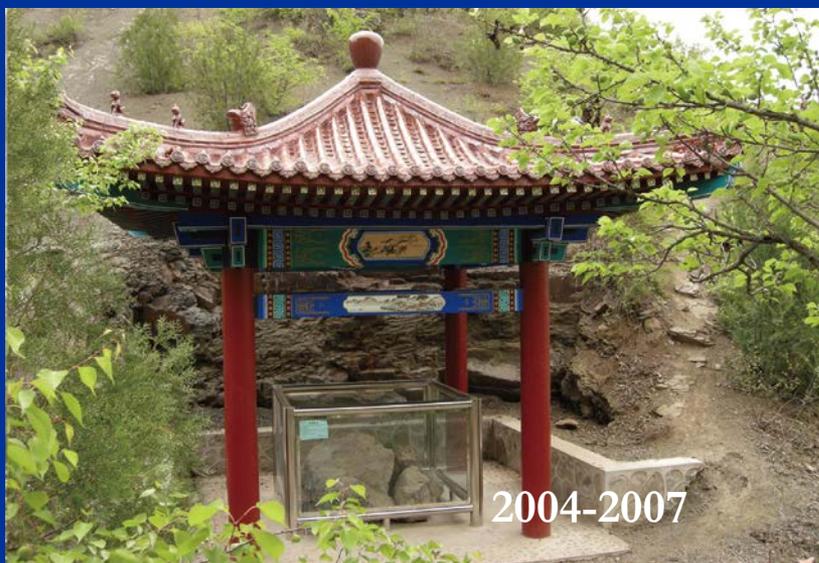
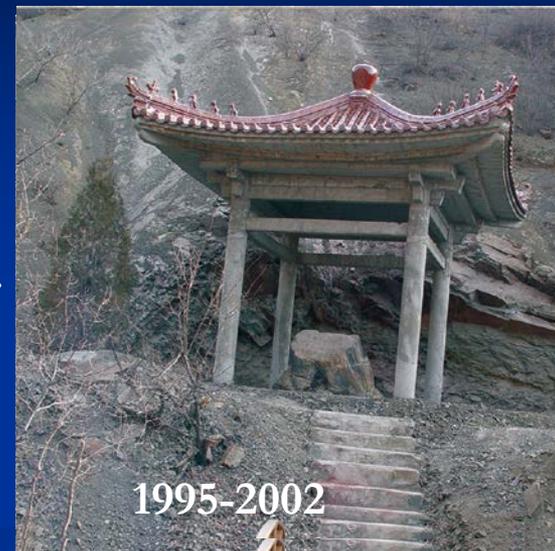
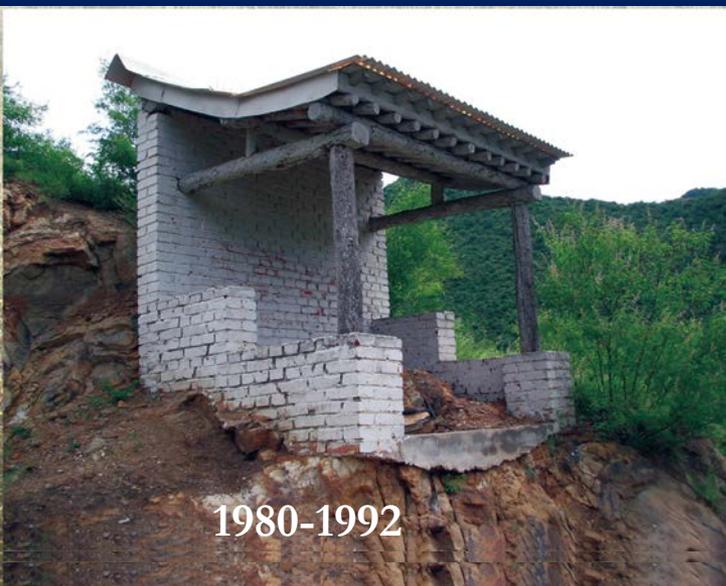
冬季恐龙足迹保护



化石层面覆盖保温草帘和防水布

(2) 硅化木保护区

硅化木保护亭的演变

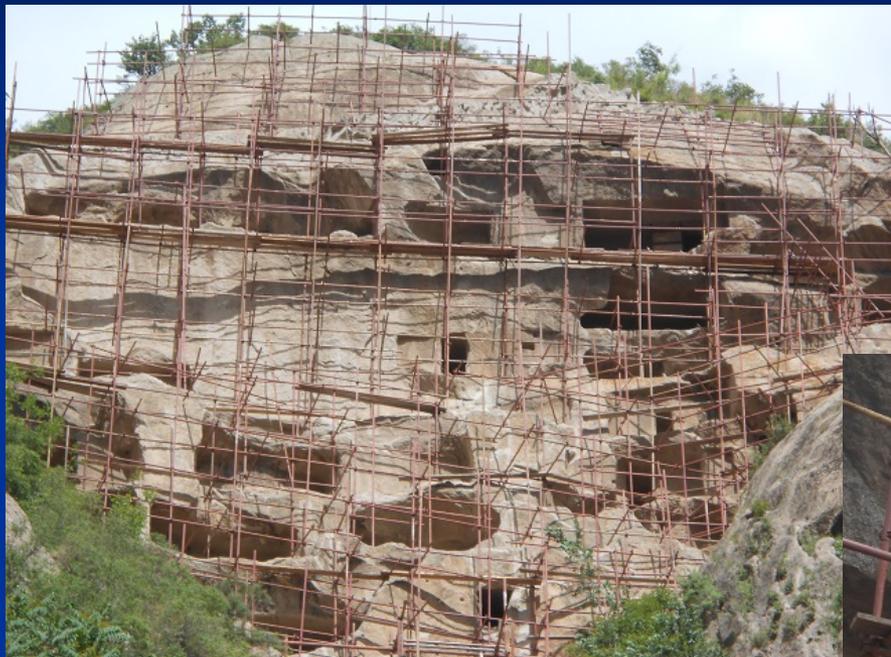


(3) 八达岭园区

物理技术-人工修复



(4) 古崖居园区

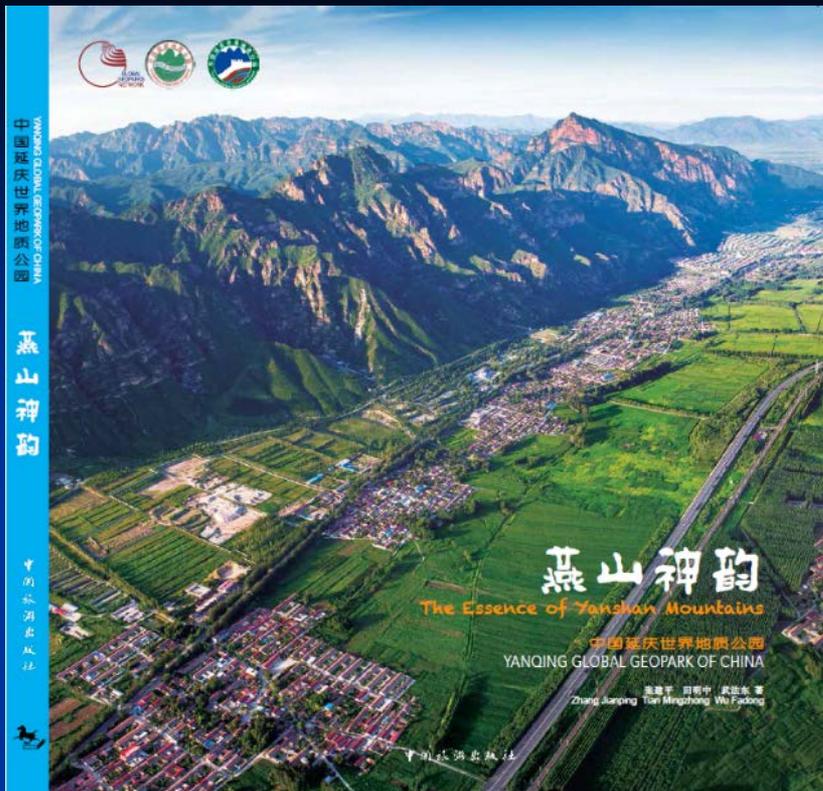


化学防风化保护

3. 开展多种形式科教



科普丛书



新版画册《燕山神韵》



新版宣传片《遇见·你》



录制第三期《我家住在地质公园里》



评剧《石头梦》



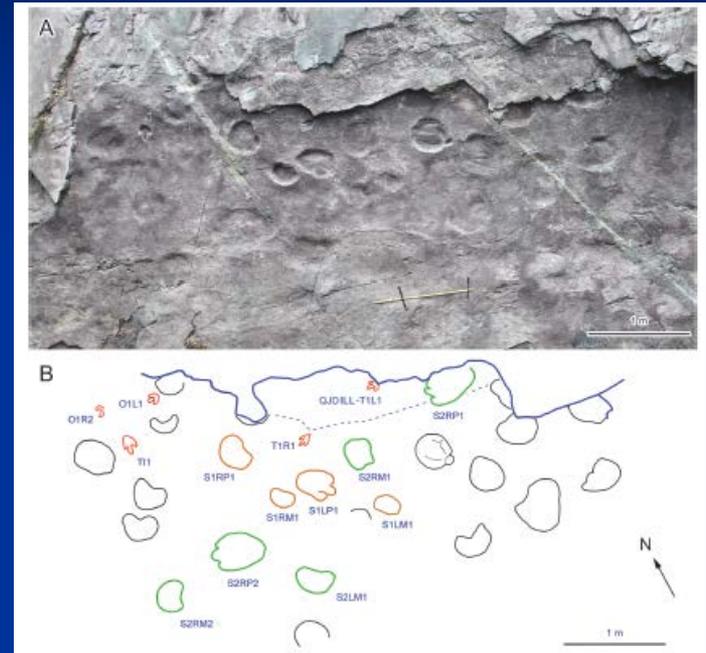
地球日、环境日活动



社会大课堂活动



两届中小學生“走进地质博物馆”志愿者活动



RESEARCH ARTICLE

Hints of the Early Jehol Biota: Important Dinosaur Footprint Assemblages from the Jurassic-Cretaceous Boundary Tuchengzi Formation in Beijing, China

Lida Xing^{1*}, Jianping Zhang¹, Martin G. Lockley², Richard T. McCrea³, Hendrik Klein⁴, Luis Alcalá⁵, Lisa G. Buckley³, Michael E. Burns⁶, Susanna B. Kümmel⁷, Qing He¹

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OPEN ACCESS

Citation: Xing L, Zhang J, Lockley MG, McCrea RT,

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科学考察
发表科研论文



+ English Riviera Global Geopark - Permian deposits at Preston Beach



Thanks for reading this newsletter. You are receiving this newsletter as you have expressed an interest in suggestions for the next issue, please feel free to contact.

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Website: www.globalgeopark.org

- Human and nature**
Our coexistent life style in the Toya-Utsu Global Geopark, Japan 1
- Education & Communication**
Geography China TV Program Group of CCTV Channel 10 Stepping in Baiyunshan Scenic Area of Mt.Funiushan Global Geopark 2
A grant from the Environmental Trust Foundation 3
The first children's book of Stonehammer Global Geopark 3
Itoigawa Global Geopark Proves Popular for School Trips
Geopark promotes itself as an ideal destination for education 4
Shennongjia Global Geopark Reinforces Youth Geoscience Education 5
What is a Geopark for you? 6
Ten African Ambassadors Visited Mt. Yangangshan 7
Friendship Flower Blossoming on the Petrified Woods 8

- Tourism & Promotion**
One thousand adventurers in the opening of the Grand Trail of Muradai-Pangea 10
Marking out Irtija Geopark's thematic hiking and cycling trails and sharing them on the web 12

- News**
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Touring exhibition of "Zhangjiajie Landform" scenery photography held in the top four high-speed railway stations 14
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Create the Particular Protopanda Model and Deliver the Positive Energy of Science Education 16
The Muro

GGN 通讯上发表文章

Friendship Flower Blossoming on the Petrified Woods

Yanqing Global Geopark, China



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 a 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 a sistering agreement 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



+ Visited Lesvos Petrified Forest Global Geopark in 2015



+ 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 conservator'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.



October 13, 2015 Tuesday

Yanqing government network

今天是2014年6月29日 星期日 北京 多云 35°C~23°C 无

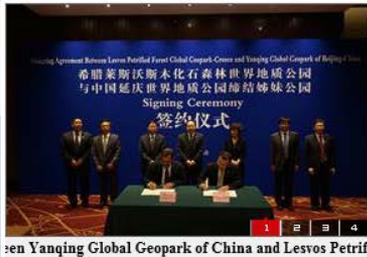


公园动态

- 延庆地质公园加冕“世界”头衔
- 延庆地质博物馆成为传播地学科普知识的新场所、新平台
- 刚果(金)地质矿产资源勘查与开发研修班到延庆世界地质公园考察
- 延庆世界地质公园代表队在县篮球联赛上取得佳绩
- 延庆世界地质公园积极参加亚太地质公园网络管理人员培训
- 延庆世界地质公园开展“4·22”世界地球日系列科普活动
- 2014年延庆世界地质公园景区讲解员地学旅游专题培训
- 关于延庆地质博物馆“世界地球日”科普宣传活动系列报道
- 珍爱地球资源 共建科普基地
- 地质博物馆成为游客休闲度假新去处
- 地质科普知识走进元宵晚会
- 延庆一中学生参观延庆地质博物馆

公园概况

中国延庆世界地质公园地处华北平原与内蒙古高原的过渡地带，是著名的燕山运动命名地之一。



Lesvos Petrified Forest Global Geopark of China and Yanqing Global Geopark of China

Outline

Yanqing Global Geopark of China is

News & Events

- Forest Marathon held in the beautiful Yanqing... [09-16]
- Prof. Nickolas Zouros sent a congratulatory m... [08-13]
- Yanqing develops the science popularization ... [07-27]
- Yanqing Global Geopark Attends 2015 Internati... [07-08]
- The 7th Beijing(Yanqing)Dragon Boat Festiva... [06-21]
- Yanqing Global Geopark held the activities on... [06-08]
- Museum of Yanqing Geopark and Rulin Street coo... [05-12]
- Sistering agreement between Yanqing Global Ge... [05-06]
- Yanqing Global Geopark carries out geo-knowle... [05-04]
- The Earth Day and Science Popularization Week... [04-29]
- The presidents of China, Japan and Korea an... [04-10]

Video



Map of Geo Areas



4. 推动地方经济发展

(1) 以完善基础设施建设为基石



地质博物馆





地质广场





北方岩溶陈列室



硅化木陈列室



恐龙足迹陈列室



31家地质公园图片展

电子书查询系统



道路指示牌

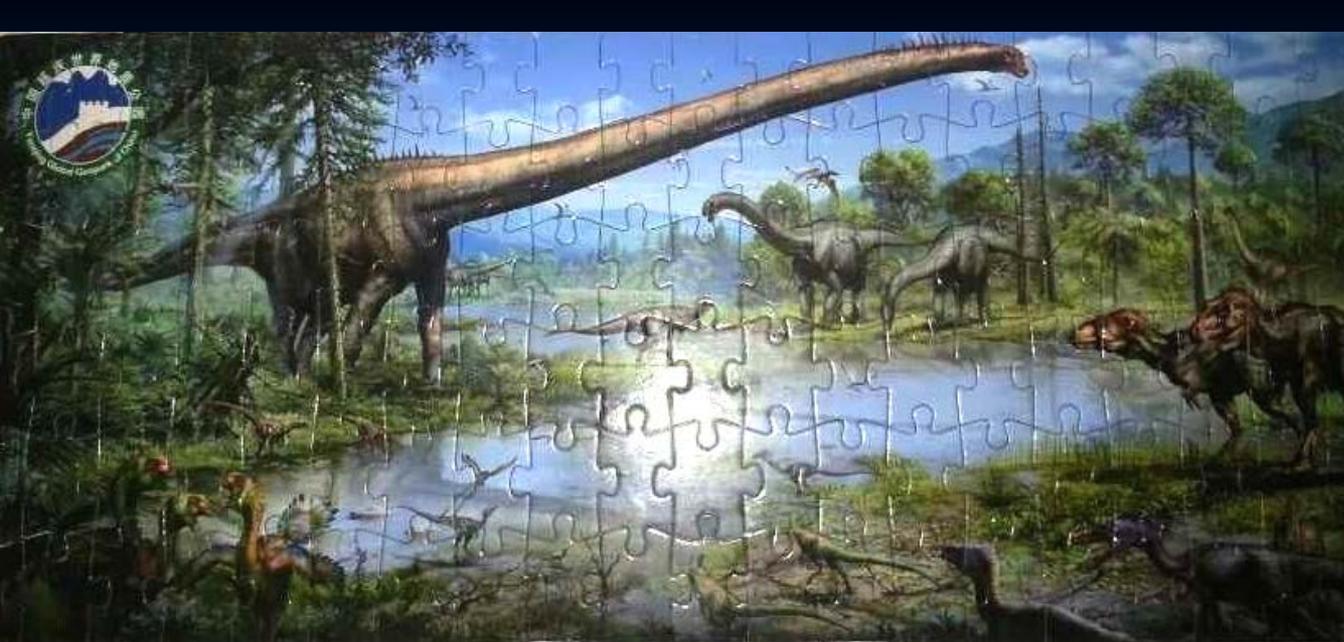


景区说明牌

(2) 以开发旅游线路为推动作用



燕山运动-北方岩溶地貌-恐龙足迹-硅化木地学精品旅游线路



恐龙拼图



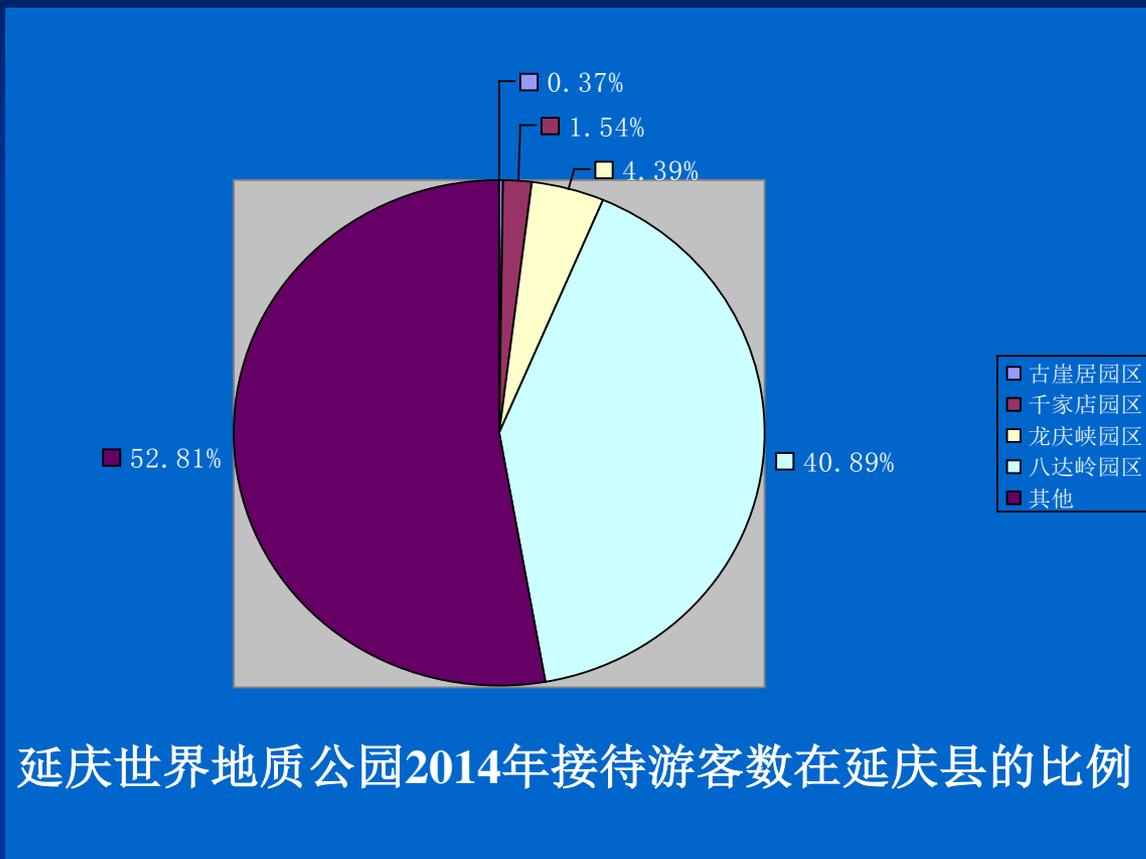
冰箱贴



地质公园及周边发展乡村旅
游村达到15个，农家乐300户。



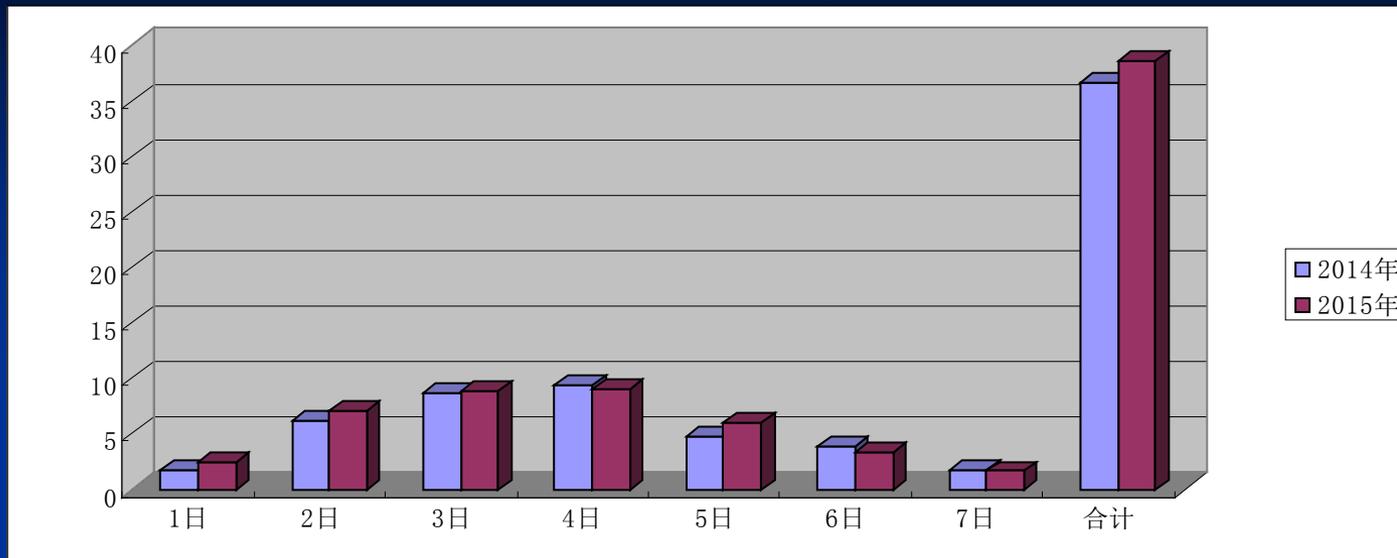
(3) 以带动旅游收入为经济效益



2014年延庆世界地质公园接待游客数量约占全县接待游客数量的47%

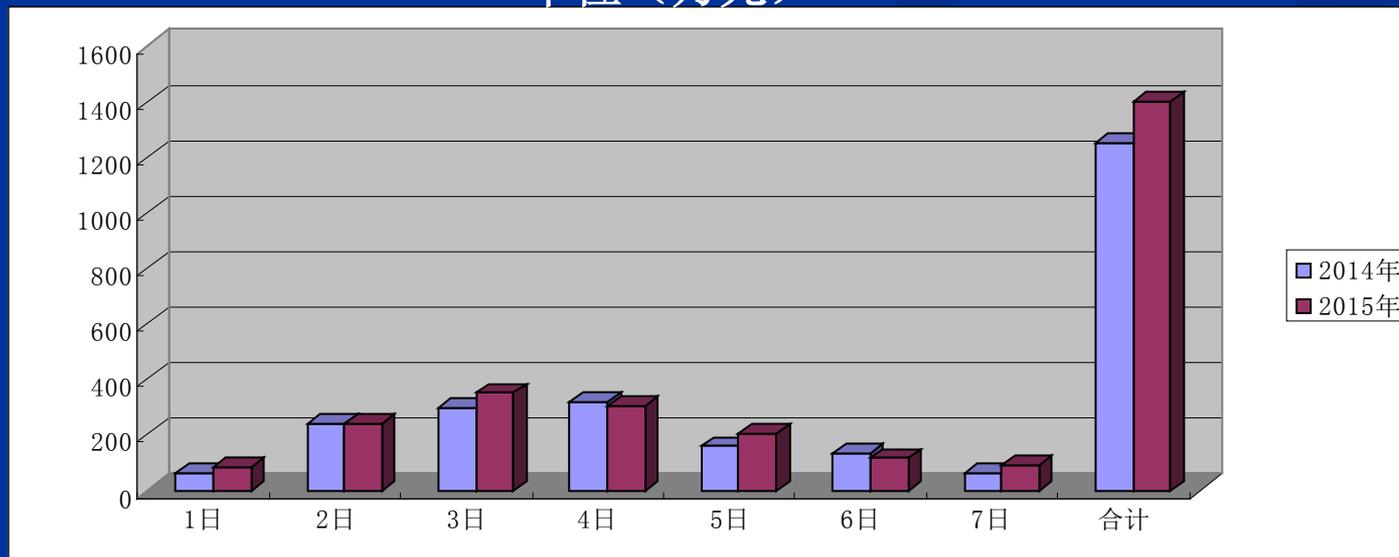
八达岭园区“十一”假期接待人数统计

单位（万人次）



八达岭园区“十一”假期旅游收入统计

单位（万元）



5. 加强对外交流合作



地质遗迹保护与地质公园建设非洲培训班





2014 刚果（金）地质矿产资 源勘查与开发研修班



接待国内多家地质公园的考察



中国延庆世界地质公园 内蒙古阿尔山国家地质公园
缔结姊妹公园签约仪式

2015年1月30日



中国延庆世界地质公园
与中国伏牛山世界地质公园（内乡园区）
对口协作协议书



2013年 邹若思教授来访



2013年 访问莱斯沃斯博物馆并赠与硅化木化石



2015年 邹若思教授考察硅化木



2015年参加在莱斯沃斯举办的
“国际地质公园强化培训班”

Sistering Agreement Between Lesvos Petrified Forest Global Geopark-Greece and Yanqing Global Geopark of Beijing-China

希腊莱斯沃斯木化石森林世界地质公园
与中国延庆世界地质公园缔结姊妹公园

Signing Ceremony

签约仪式





2014年中国世界地质公园年会发言



2015日本山阴海岸第四届亚太地质公园网络研讨会

四、地质公园未来展望







尼古拉斯·邹若思教授为延庆成功申报 2022年冬奥会发来贺信

Dear colleagues

We are glad to share with you that news that the Winter Olympic Games in 2022 will be hosted in a Global Geopark!

On July 31st 2015 at the 128th IOC Session in Kuala Lumpur, Malaysia, the Beijing was selected as host city of the XXIV Olympic Winter Games in 2022. This means specifically that the Games will take place in the area of Yanqing Global Geopark!

The Beijing Olympic Games Bidding Committee unveiled the gymnasium layout plan for the 2022 Winter Olympic Games on 20 February 2014. Competitions for luge, bobsleigh and alpine skiing will be held in Xiaohaituo Mountain area in Yanqing County northwest of Beijing, 90 kilometres.

Yanqing is going to host also the Media Center of the Olympics!

This is an outstanding moment for the Global Geoparks Network which thanks to Yanqing Global Geopark is gaining world publicity through the top athletic event!

Warm congratulation to Beijing City, to the Yanqing Government and Authorities, to the Yanqing Global Geopark team for this great achievement!

We are wishing you every success for the preparation of the Games which gives a unique opportunity for promotion of the Yanqing Global Geopark and the Global Geoparks Network!

With best Regards

For the GGN Executive Board

Prof. Nickolas Zouros



房山世界地质公园、延庆世界地质公园在北京的位置

谢谢大家！