

2017 ANNUAL REPORT

CHINA NATIONAL COMMITTEE FOR IGCP

Part One: Chairperson, Vice Chairpersons and Secretary General of the Committee

- Chairman: Prof. Hou Zengqian
Institute of Geology
Chinese Academy of Geological Sciences (CAGS)
26 Baiwanzhuang Road
Beijing 100037, China
Tel: +86-(10)-6899-0617
Fax: +86-(10)-6899-7803
E-mail: houzengqian@126.com
- Vice Chairpersons: Mr. Zhang Zhi
Deputy Director-General
Department of Science, Technology and International Cooperation
Ministry of Land and Resources, P. R. China
No. 64 Funei Street, Beijing 100812, China
Tel: +86-(10)-6655-8405
Fax: +86-(10)-6612-7247
E-mail: gongjingwen_mlr@163.com
- Mr. Chen Linhao
Deputy Director-General
Department of International Cooperation
Ministry of Science and Technology, P.R. China
Tel: +86-(10)-5888-1385
Fax: +86-(10)-5888-1324
E-mail: chenlh@most.cn
- Secretary-General: Prof. Wu Zhenhan
Director-General
Department of Science, Technology and International Cooperation
China Geological Survey
Vice President
Chinese Academy of Geological Sciences
26 Baiwanzhuang Road, Beijing 100037, China
Tel: +86-(10)-6899-9626
Fax: +86-(10)-6831-0894

E-mail: zhenhanwu@cags.ac.cn

Secretariat:

Secretariat
China National Committee for IGCP
Division of International Cooperation
Chinese Academy of Geological Sciences
26 Baiwanzhuang Road, Beijing 100037, China
Tel: +86-(10)-6831-0893 or +86-(10)-6899-9619
Fax: +86-(10)-6831-0894
E-mail: dic@cags.ac.cn
Http: www.cags.ac.cn/igcp-china

Part Two: Membership of the Committee

Prof. Deng Jun	President, China University of Geosciences (Beijing)
Prof. Fan Weiming	Executive Deputy Director, Institute of Tibetan Plateau Research, Chinese Academy of Sciences
Prof. Jin Zhijun	Director, SINOPEC Petroleum Exploration and Production Research Institute
Prof. Liu Chuncheng	Deputy Director, Exploration Department, Research Center of China National Offshore Oil Corporation (CNOOC)
Mr. Wang Manda	Deputy Director-General, Department of Science and Technology, China Earthquake Administration
Prof. Wang Yanxin	President, China University of Geosciences (Wuhan)
Prof. Xiao Wenjiao	Deputy Director, Institute of Geology and Geophysics, Chinese Academy of Sciences
Prof. Yang Bing	Director, China Non-Ferrous Metals Resource Geological Survey
Prof. Zhang Lifei	Dean, School of Earth and Space Sciences, Peking University
Prof. Zhao Wenzhi	Director, Research Institute of Petroleum Exploration and Development, China National Petroleum Corporation

Part Three: On-Going IGCP Projects

I. 5 IGCP Projects with Project Leaders from China:

No. 589	Development of the Asian Tethyan Realm Prof. Jin Xiaochi, Institute of Geology, Chinese Academy of Geological Sciences
No. 630	Permian-Triassic Climatic and Environmental Extremes and Biotic Response Prof. Chen Zhong Qiang, China University of Geosciences (wuhan)
No. 632	Continental Crises of the Jurassic Prof. Sha Jingeng, Nanjing Institute of Geology and Paleontology, Chinese Academy of Sciences
No. 649	Diamonds and Recycled Mantle

	Prof. Yang Jingsui, Institute of Geology, Chinese Academy of Geological Sciences
No. 661	The Critical Zone in Karst Systems Prof. Jiang Zhongcheng, Institute of Karst Geology, Chinese Academy of Geological Sciences

II. 6 IGCP Projects with Project Co-Leaders from China:

No. 608	Asia-Pacific Cretaceous Ecosystems Prof. Wan Xiaoqiao, China University of Geosciences (Beijing)
No. 609	Cretaceous Sea-Level Changes Prof. Hu Xiumian, Nanjing University
No. 618	Paleoclimate information obtained from past-recharged groundwater Prof. Chen Jianyao, Sun Yat-sen University
No. 641	Deformation and fissuring caused by exploitation of subsurface fluids Prof. Ye Shujun, Nanjing University
No. 652	Reading geologic time in Paleozoic sedimentary rocks: the need for an integrated stratigraphy Prof. Dai Shuang from Lanzhou University
No. 653	The onset of the Great Ordovician Biodiversification Event Prof. Zhang Yuandong, Nanjing Institute of Geology and Paleontology, Chinese Academy of Sciences

III. Projects with Active Working Groups:

In 2017, the Chinese geoscientists have participated in the following 11 IGCP projects: Nos., 589, 608, 609, 618, 630, 632, 641, 649, 652, 653 and 661.

Part Four: Activities of the National Committee

1. Actively recommending IGCP project proposals

1) Two IGCP projects with Chinese geoscientists as the Project leader or Co-Leader being newly approved in 2017: With the support of the China National Committee for IGCP, two new IGCP project with Chinese geoscientists as the Project Leader or Co-Leader got approval of the IGCP Scientific Board:

- ◆ IGCP-652: Reading geologic time in Paleozoic sedimentary rocks: the need for an integrated stratigraphy co-led by Prof. Dai Shuang from Lanzhou University (Co-Leader).
- ◆ IGCP-661: The Critical Zone in Karst Systems led by Prof. Jiang Zhongcheng from the Institute of Karst Geology, Chinese Academy of Geological Sciences (Leader);

2) Recommending IGCP proposals to the IGCP Scientific Board: In 2017, the China National Committee for IGCP recommended three IGCP proposals initiated or co-initiated by Chinese geoscientists, including:

- ◆ IGCP proposal “Orogenic architecture and crustal growth from accretion to

collision: examples from the Central Asian Orogenic Belt and Tethyan orogen” initiated by Prof. Wang Tao from Institute of Geology, Chinese Academy of Geological Sciences;

- ◆ IGCP proposal “Impact, Mechanism, Monitoring of Land Subsidence in Coastal cities” initiated by Prof. Yan Xuexin from the Shanghai Institute of Geological Survey;
- ◆ IGCP proposal “Equatorial Gondwanan history and Early Palaeozoic Evolutionary Dynamics” co-initiated by Prof. Peng Shanchi from the Nanjing Institute of Geology and Paleontology, Chinese Academy of Sciences.

2. Enforcing contact with UNESCO and UNESCO Beijing Office

1) A meeting with UNESCO Assistant Director General for Natural Sciences: On Sept. 26th, 2017, Prof. Yan Guangsheng, the Chief Geologist of China Geological Survey and Executive Vice President of Chinese Academy of Geological Sciences (CAGS), met with Ms. Flavia Schlegel, the UNESCO Assistant Director General for Natural Sciences. During the meeting, Prof. Yan and Ms. Schlegel exchanged ideas and thought on how to enhance cooperation between China and UNESCO in IGCP projects, UNESCO Category-II International Research Centers, UNESCO Global Geoparks and capability building in African countries.

2) A meeting with representatives from UNESCO Beijing Office: On Nov. 9th, 2017, Dr. Marielza Oliveira and her colleagues from UNESCO Beijing Office paid a visit to Chinese Academy of Geological Sciences (CAGS) to seek advice on sending Chinese colleagues to work in the positions in UNESCO. China side would like to cooperate with UNESCO in personnel selection and necessary funding preparation.

3. Supporting China’s participation in the activities of Global Geoparks Network (GGN)

The China National Committee for IGCP assisted China National Geoparks Network in accomplishing the following major work:

1. At the invitation of UNESCO, China sent several Chinese experts to conduct revalidation missions of Global Geoparks overseas;
2. At the invitation of UNESCO, Prof. Jin Xiaochi and Prof. Zheng Yuanyuan attended the International Intensive Course on Geoparks 2017. As the trainees of the Course, they introduced current status of Global Geoparks in China and China’s successful experience in Geoparks development;
3. The Committee assisted with the preparation for the 5th Asia-Pacific

Geoparks Network (APGN) Symposium 2017 which was held in Zhijindong Global Geopark in Guizhou Province, China on Sept. 19-22, 2017. More than 900 delegates from 27 countries attended the Symposium.



4. Convening of the 2017 Annual Meeting of the China National Committee for IGCP

The 2017 Annual Meeting of the China National Committee for IGCP was held in Beijing on December 21st, 2017. The meeting invited Mr. Qiao Zhengshun from China National Committee for UNESCO and Prof. Cheng Qiuming, the President of International Union of Geological Sciences (IUGS) and representatives from the UNESCO International Research Center On Karst and UNESCO International Center on Global-Scale Geochemistry. Chinese geologists serving as Leaders or Co-leaders of the ongoing IGCP projects gave presentations on the progress of their projects.



The following geologists gave presentations on the progress of their IGCP projects at the meeting:

No.	Reporters	IGCP Projects
1	Prof. Jin Xiaochi	IGCP 589 - Development of the Asian Tethyan Realm
2	Prof. Li Guobiao	IGCP 608 - Asia-Pacific Cretaceous Ecosystems
3	Prof. Hu Xiumian	IGCP 609 - Cretaceous Sea-Level Changes
4	Prof. Chen Zhongqiang	IGCP 630 - Permian-Triassic Climatic and Environmental Extremes and biotic responses
5	Prof. Pan Yanhong	IGCP 632 - Permian-Triassic Climatic and Environmental Extremes and biotic responses
6	Prof. Ye Shujun	IGCP 641 - Deformation and fissuring caused by exploitation of subsurface fluids
7	Prof. Yang Jingsui	IGCP 649 - Diamonds and Recycled Mantle
8	Prof. Dai Shuang	IGCP 652 - Reading Geologic Time in Paleozoic Sedimentary Rocks
9	Prof. Zhang Yuandong	IGCP 653 - The onset of the Great Ordovician Biodiversity Event
10	Prof. Jiang Zhongcheng	IGCP 661 - The Critical Zone in Karst Systems

In addition, the meeting also invited applicants of new IGCP projects to report on their applications, including:

No.	Applicants	Projects
1	Prof. Wang Tao	Orogenic architecture and crustal growth from accretion to collision: examples from the Central Asian Orogenic Belt and Tethyan orogen
2	Prof. Yan Xuexin	Impact, Mechanism, Monitoring of Land Subsidence in Coastal cities
3	Prof. Peng Shanchi	Equatorial Gondwanan history and Early Palaeozoic Evolutionary Dynamics

At the business meeting which was attended only by the Committee Members and invited delegates, the submitted annual reports of the National Working Groups were reviewed, and the major tasks for 2018 were proposed and discussed as the following:

1. To further increase the visibility and influence of IGCP in the Chinese geoscience community

The Committee will further promote the “IGCP” brand among the Chinese

geologists and encourage more Chinese geologists to initiative and participate in IGCP projects, using IGCP as an international platform where Chinese geologists can realize more communication and cooperation with the international geoscience community. The Committee will fully make use of media reports and the website to increase the publicity of IGCP among Chinese geoscientists.

2. To enforce the top-level design for Chinese geologists participation in IGCP projects

The Committee will closely follow the development of International Geoscience and Geoparks Programme (IGGP). As Chinese geologists are always interested in IGCP projects related to paleontology, the Committee will make more efforts to encourage Chinese geologists to initiate or participate in IGCP projects in geo-hazard, energy resources and other new research fields.

3. To complete the 2018 Annual Meeting as a platform where geoscientists from China and abroad can exchange ideas and thoughts

(1) The 2018 Annual Meeting of China National Committee for IGCP will be composed of a business meeting of the national committee and an international symposium that will invite leaders or co-leaders of IGCP projects from both China and abroad.

(2) The Committee will encourage more Chinese geoscientists and students who are interested in IGCP projects to participate in the symposium;

(3) The Committee is planning to organize the 2018 Annual Meeting jointly with China Geoscience Union (CGU) or other domestic geoscience organizations.

4. To unify and propose big IGCP project

Centering on the Chinese national scientific and technological innovation strategies and “One Belt, One Road” Initiative, the Committee will propose big IGCP project based on several major Chinese scientific projects. On Jan. 17th, 2018, the Committee organized a small-scale meeting to discuss on how to propose the big IGCP project and primarily decided to combine the proposal with the “Tethys research project” funded by National Natural Science Foundation of China.