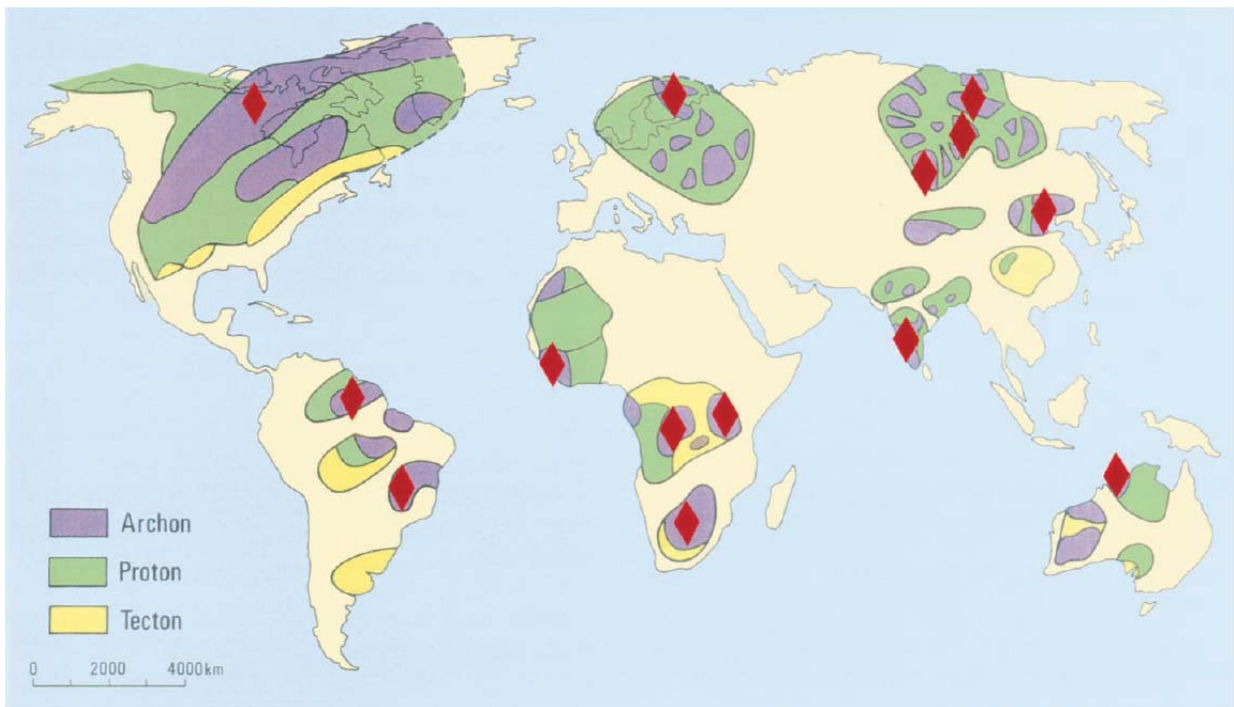




First Circular



国家自然科学基金委员会
National Natural Science Foundation of China



<http://www.conferencenet.org/conference/iccfd.htm>

Invitation

An International Conference on Craton Formation and Destruction (ICCFD) will involve open discussion and an exchange of ideas on a wide range of topics related to the formation and evolution of cratons and their relationship to shallow tectonics and deep mantle dynamics.

ICCFD will consist of a four-day meeting and a field excursion to the Central Zone of the North China Craton.

The Organizing Committee of the ICCFD intends to bring together geologists, petrologists, geochemists and geophysicists with diverse approaches and methodologies.

Conference Language

The official language of the conference will be English.

Call for Abstracts

Abstracts must be in English. Each abstract should include a list of contributors and their affiliations, title, keywords and a text of no more than 1000 words (one A4 page). Details of submission will be announced later.

Scientific Themes: April 26-29, 2011

Symposium I: Formation of Craton and its Early Evolution

1. Processes of craton formation in the Archean and continental growth in the Archean-Proterozoic in relation to tectonic regimes
2. Supercontinents and global evolution
3. The properties and longevity of cratons, including the stability of the crust and lithospheric mantle

Symposium II: Destruction of Craton

1. Multi-disciplinary evidence for the destruction of cratons
2. Mechanism, processes and effects of craton destruction

Symposium III: Craton vs. Orogen

1. Continent-continent collision and deep subduction
2. Phanerozoic growth and accretion of continents, including magma underplating and Phanerozoic evolution of lower crust

Post-conference Field Trip: April 30-May 3, 2011

Archean Terrane, Paleoproterozoic Geology and Phanerozoic Magmatism in the Central Zone of the North China Craton

The Archean North China Craton (NCC) has lost > 100 km of its lithospheric keel during the Mesozoic/Cenozoic. This field trip will allow participants to investigate

1. Archean terrane and Paleoproterozoic geology in the Central Zone of the North China Craton, in order to understand the processes of formation of the NCC;
2. Cenozoic magmatism including mantle and lower crust xenolith-bearing basalts in Hannuoba, Yangyuan, and Fanshi, world famous localities for all kinds of mantle and lower crustal xenoliths, in order to highlight aspects of craton reactivation and destruction.

The field trip will be guided by Prof. Guo Jinghui from the Institute of Geology and Geophysics, CAS and his colleagues in the same institute.

Scientific Committee

Chair:

- Rixiang Zhu (Institute of Geology and Geophysics, CAS, Beijing, China)

Co-Chairs:

- Martin A. Menzies (Royal Holloway, University of London, Egham, UK)
- Robert van der Hilst (Massachusetts Institute of Technology, Cambridge, USA)

Members (in the alphabetical order):

- Yucheng Chai (National Natural Science Foundation of China, Beijing, China)
- Weiming Fan (Guangzhou Institute of Geochemistry, CAS, Guangzhou, China)
- Zhenmin Jin (China University of Geosciences, Wuhan, China)
- Shuguang Li (University of Science and Technology of China, Hefei, China)
- Suzanne O'Reilly (Macquarie University, Sydney, Australia)
- Roberta Rudnick (University of Maryland, College Park, USA)
- Brian Windley (University of Leicester, Leicester, UK)
- Guowei Zhang (Northwestern University, Xi'an, China)
- Xiankuang Zhang (China Earthquake Administration, Beijing, China)
- Dapeng Zhao (Tohoku University, Tohoku, Japan)
- Guangtian Zou (Jilin University, Changchun, China)

Organizing Committee

Chair:

- Hongfu Zhang (Institute of Geology and Geophysics, CAS, Beijing, China)

Co-Chair:

- Ling Chen (Institute of Geology and Geophysics, CAS, Beijing, China)

Members (in the alphabetical order):

- Shan Gao (China University of Geosciences, Wuhan, China)
- Jinghui Guo (Institute of Geology and Geophysics, CAS, Beijing, China)
- Qunke Xia (University of Science and Technology of China, Hefei, China)
- Yigang Xu (Guangzhou Institute of Geochemistry, CAS, Guangzhou, China)
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Contacts and Correspondences

For scientific information:

Hongfu Zhang (hfzhang@mail.igcas.ac.cn, Tel: +86-10-82998516)
Ling Chen (lchen@mail.iggcas.ac.cn, Tel: +86-10-82998416)
Peng Ye (yp@mail.iggcas.ac.cn, Tel: +86-10-82998240)
Institute of Geology and Geophysics, Chinese Academy of Sciences
No.19 Beituchengxilu, Chaoyang District
Beijing 100029, China
Fax: 86 10 62010846

For registration, hotel reservation, field trip, payment and others:

Ms. Cuiling LAN
Center for International Scientific Exchanges, CAS
52 Sanlihe Road, Beijing, 100864, China
Tel: +86-10-68597751 or 68597750; Fax: +86-10-68597753
Email: cullan@cashq.ac.cn

Conference Venue

The conference will be held in the Beijing Friendship Hotel. Sessions will take place in a meeting room equipped with video projectors that can link to PC. A dedicated area will be provided for poster sessions.

About Beijing

Beijing, the capital city of China, is an ancient city with a long history of 3000 years. The long history leaves Beijing lots of precious cultural treasures, including the Great Wall, Summer Palace, Forbidden City, Tiantan, etc. that have already been well-known to the world. However, the authentic old Beijing life is probably best represented by its many teahouses, temple fairs, Hutongs and square courtyards, the Peking Opera and the different styles of Chinese cuisine. Now Beijing is a modern and fashionable city complete with a full 21st Century vitality, similar to other great metropolis elsewhere in today's world. Particularly, the success of the 2008 Beijing Summer Olympic Games has brought great changes to Beijing, strengthening its international status in the world.



For more information, please refer to

<http://www.conferencenet.org/conference/iccf.d.htm>