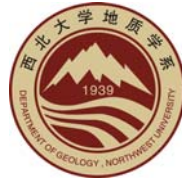


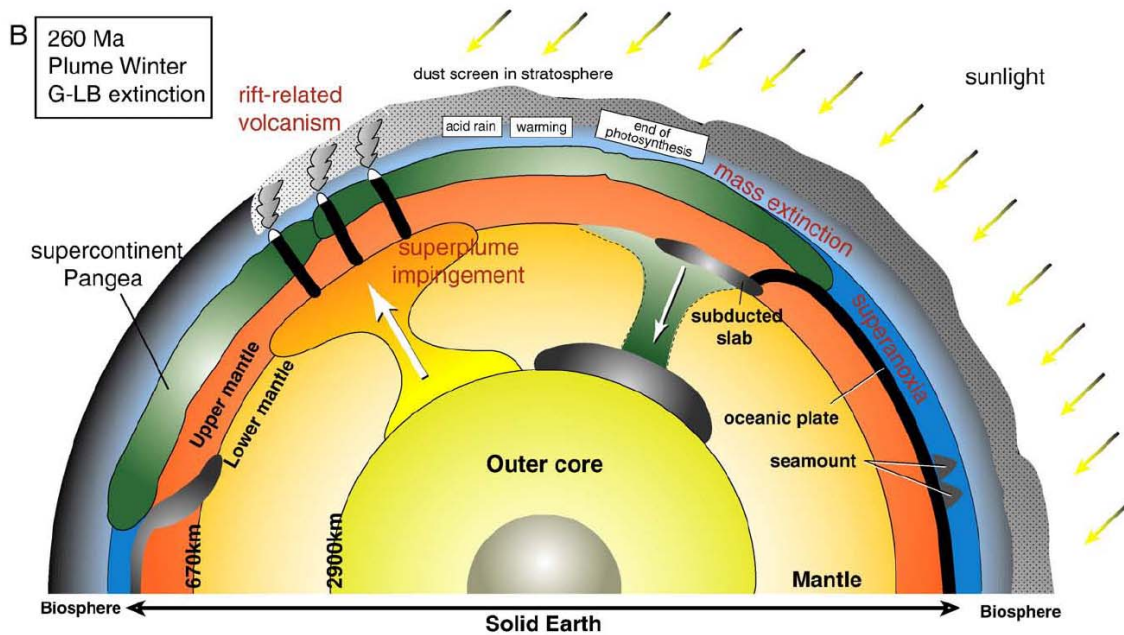


国家自然科学基金委员会
National Natural Science Foundation of China



International Conference on Continental Dynamics

Xi'an, China, April 26-28, 2014



Y. Isozaki, Gondwana Research, 2009

Second Circular

Post-conference excursion, April 29- May 01, 2014

“Tectonics and evolutionary history of the Qinling orogen”

Introduction

The International Conference on Continental Dynamics (ICCD) will involve open discussion and exchange of ideas on a wide range of topics related to the formation and destruction of continents, cratons and supercontinents and their relationship to tectonics and deep mantle dynamics. The Organizing Committee of the ICCD intends to bring together geologists, petrologists, geochemists, geochronologists and geophysicists to integrate diverse approaches and methodologies. The conference will consist of a two-day conference and a post-conference field excursion to the Qinling Orogenic Belt.

The aim of this Second Circular is to provide the participants with more detailed information on the program, abstract template, organization, and logistics, and about travel and hotel reservation. A Third Circular, with the Scientific Program and last-minute practical details, will be distributed closer to the start of the conference. For more information about ICCD, please consult our WWW homepage at <http://www.conferencenet.org/conference/iccd.htm> .

Conference language

The official language of the conference will be English.

Call for Abstracts

Submission of abstracts

Abstracts must be in English. Each abstract should include title, a list of contributors and their affiliations, keywords, and a text of no more than 1000 words and no more than one table and one figure (one A4 page, maximum 3 A4 pages) following Gondwana Research format. The abstract text should be in Word file (pdf file not acceptable), figure in jpg and table in Word. Sections and sub-sections should be numbered. Full reference list must be provided at the end, with journal names in expanded form. A formatted example of the abstract as it would appear in the abstract volume is given below.

The accepted abstracts will be placed on the homepage of the conference. The Abstract Volume will be published as IAGR Conference Series volume.

Early Archaean reworking and crustal growth in the eastern Kaapvaal craton, southern Africa

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1. Introduction

With the objective of increasing our understanding of the process of crustal reworking during orogenesis, metamorphic petrology has traditionally investigated the record of burial–heating (or heating–burial) and exhumation–cooling (or cooling–exhumation) of sedimentary, igneous and metamorphic rocks. At the regional scale, thickening (or thinning) of the lithosphere causes perturbation of steady state geotherms, which may generate temperature differences on the order of hundreds of degrees on time scales of ca. 10^7 Ma that may relax on time scales of ca. 10^8 Ma. The length scale of regions affected by such thermal perturbations is constrained by the mechanical properties of the lithosphere, which vary with composition, temperature, fluid/melt presence/ absence, and strain rate.

1.1. Brave new world

It is now 30 years since the discovery that some lithospheric materials record evidence of metamorphism at pressures characteristic of mantle conditions (reviewed by Chopin, 2003). Just a few years earlier, persuasive evidence had appeared in the literature demonstrating that some crustal rocks registered temperatures up to $\sim 1000^\circ\text{C}$ over large

References

- Tang, H., Chen, Y., Wu, G., Lai, Y., 2011. Paleoproterozoic positive $\delta^{13}\text{C}_{\text{carb}}$ excursion in the northeastern Sino-Korean craton: Evidence of the Lomagundi Event. *Gondwana Research* 19, 471-481.
- Wan, Y., Song, B., Liu, D., Wilde, S.A., Wu, J., Shi, Y., Yin, X., Zhou, H., 2006. SHRIMP U-Pb zircon geochronology of Palaeoproterozoic metasedimentary rocks in the North China Craton: evidence for a major Late Palaeoproterozoic tectonothermal event. *Precambrian Research* 149, 249-271.
- Wilde, S.A., Zhao, G., Wang, K., Sun, M., 2004. First SHRIMP zircon U-Pb ages for Hutuo Group in Wutaishan: further evidence for Palaeoproterozoic amalgamation of North China Craton. *Chinese Science Bulletin* 49, 83-90.

Deadline

Response to second circular, registration, and abstract submission: January 30, 2014.

Outline of the Program

Conference: 26 - 28 April 2014

Saturday, 26 April 2014:

- Registration (10:00 – 21:30)
- Welcome Reception (18:30 – 20:30)

Sunday, 27 April 2014:

Symposium I: The formation and destruction of continental crust

Symposium II: Supercontinent cycles and their biogeochemical and environmental implications

- Multi-disciplinary evidences for the formation and the destruction of continental crust
- Supercontinents and global evolution
- Biogeochemical evolution and environmental implications to the continental evolution
- Poster exhibition
- Conference banquet (18:30 – 20:30)

Monday, 28 April 2014:

Symposium III: Continental crust and mineral resources

Symposium IV: Geophysical and geochemical perspectives on continental crust

- Geophysical evidences for the continental crust
- Geochemical perspectives and mechanism on the continental crust
- Mineral resources related with the crust evolution
- Poster exhibition

Post-conference Field Trip: April 29 - May 01, 2014

The Qinling Orogenic belt is the world famous orogenic belt which formed by collision between the North China and South China blocks. The field trip is organized to have an investigation of the characteristics of rock association and tectono-magma metamorphism of the southern margin of North China, North Qinling and South Qinling tectonic belts, and understanding of the Qinling orogeny, Paleozoic-Indosinian plate tectonics and Meso-Cenozoic intra-continental tectonic evolution.

The field trip will allow participants to investigate: (1) Neoproterozoic- Paleoproterozoic rock association, structural characteristics, metamorphism and deformation of the southern margin of the North China Craton; (2) Mesoproterozoic-Neoproterozoic volcano-sedimentary association of the southern margin of the North China Craton; (3) composition and structural deformation of major rock structural units in North Qinling; (4) characteristics, formation and evolution of rock association of Shangdan Belt; (5) South Qinling Indosinian structure and its deep magmatism and metamorphism; and (6) Yanshanian granites in the southern margin of the North China Craton and their significance.

The field trip will be guided by Prof. Yunpeng Dong from the Department of Geology, the Northwest University and his colleagues in the same Department.

Limitation of members: no more than 20 persons

Time schedule (3 days):

Day 1: Luofu-Luonan (Southern North China Craton), leave from and live in Xi'an

Day 2: Zhouzhi-Heihe (Northern Qinling Belt), leave from Xi'an and live in the Heihe park

Day 3: Heihe-Fuping-Xi'an (Southern Qinling Belt), back to Xi'an

Publication of Meeting Contributions

A special issue of Gondwana Research with selected peer-reviewed original high quality contributions is also planned from the conference. We encourage the participants to submit papers to the special issue. Details about the paper submission will be provided in the third circular. If there are more contributions, we will consider additional special issues of other journals.

Scientific Committee

Chair:

- **Ming-Guo Zhai (Northwest University, Xi'an, China)**

Co-Chair:

- **M. Santosh (China University of Geosciences, Beijing, China)**
- **Guo-Wei Zhang (Northwest University, Xi'an, China)**

Members (in the alphabetical order):

- **Sarbani Patranabis-Deb (Indian Statistical Institute, India)**
- **Shao-Cong Lai (Northwest University, Xi'an, China)**
- **Zhen-Ming Jin (China University of Geosciences, Wuhan, China)**
- **Richard Damian Nance (Ohio University, USA)**
- **Franco Pirajno (Geological Survey of Western Australia, Australia)**
- **Inna Safonova (Russian Academy of Sciences, Russia)**
- **De-Gan Shu (Northwest University, Xi'an, China)**
- **Liang-Shu Shu (Nanjing University, Nanjing, China)**
- **Jacques L.R. Touret (France)**
- **Toshiaki Tsunogae (Tsukuba University, Japan)**
- **Shu-Feng Yang (Zhejiang University, Huangzhou, China)**
- **Jin-Jiang Zhang (Beijing University, Beijing, China)**
- **Guo-Chun Zhao (Hong Kong University, Hong Kong, China)**
- **Yue Zhao (Chinese Academy of Geosciences, Beijing, China)**
- **Yong-Fei Zheng (China University of Science and Technology, China)**

Organizing Committee

Chair:

- Hong-Fu Zhang (Northwest University, Xi'an, China)

Co-Chair:

- Hong Hua (Northwest University, Xi'an, China)
- Yun-Peng Dong (Northwest University, Xi'an, China)

Members (in the alphabetical order):

- Feng Chen (Northwest University, Xi'an, China)
- Fu-Kun Chen (University of Science and Technology of China, China)
- San-Zhong Li (Ocean University of China, China)
- Yu Liu (National Natural Science Foundation of China, Beijing, China)
- Yue-Jun Wang (Guangzhou Institute of Geochemistry, CAS, Guangzhou, China)
- Wen-Jiao Xiao (Institute of Geology and Geophysics, CAS, Beijing, China)
- Jian-Ping Zheng (China University of Geosciences, Wuhan, China)

Secretary-General:

- Xin-Hong Tian (Northwest University, Xi'an, China)

Vice Secretary-General:

- Cuiling Lan (Center for International Scientific Exchanges, CAS, Beijing, China)

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State Key Laboratory of Continental Dynamics

Department of Geology

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Xi'an 710069

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

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Email: cllan@cashq.ac.cn

General Information

Registration Fees

	Paid before 15 Feb., 2014	Paid after 15 Feb. & before 15 April, 2014	Paid after 15 April, 2014
Regular participant	US\$ 400	US\$ 500	US\$ 600
Students participant	US\$ 250	US\$ 300	US\$ 350
Accompanying Family person	US\$ 150 each	US\$ 170 each	US\$ 190 each

The fees will cover the cost of providing an electronic copy and a printed copy of the proceedings, a welcome reception in the evening of 26 April, coffee breaks and lunches on conference days, and a conference banquet in the evening of 27 April. Fees for accompanying persons cover the cost of the welcome reception and the banquet only.

Fees for field trip

US\$ 500, covering transportation, guidebook, meals, ticket of Heihe park, and hotel.

Conference Venue

The conference will be held in [the Shaanxi Zhangbagou Hotel](#) (4-star). 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.

Accommodation

The accommodation will be arranged at [the Shaanxi Zhangbagou Hotel](#) (4-star), where the conference will be held. Rooms of different types have been reserved with discount rate for conference participants. For more detailed information, please visit the website the conference webpage: <http://www.conferencenet.org/conference/ICCD/html/accommodation.html>

Passport and Visa

For specific information on entry requirements into China, go to <http://www.conferencenet.org/conference/ICCD/html/general.html>

Letter of Invitation

Requests for formal letters of invitation to attend the ICCFD should be directed to the executive secretary (cllan@cashq.ac.cn). This invitation is intended to assist participants in travel and visa arrangements and does not imply financial support.

Currency Exchange

In China, only RMB is used. However, exchange centers can be found at airports, most hotels and large shopping centers. Visa, Master, American Express, Diners Club, and JCB are accepted in many department stores and hotels. But it might be difficult to draw cash with credit cards. The Bank of China and most hotels can cash travelers cheques issued by any

foreign bank or financial institution. Participants will need to show a passport and pay a 3 percent commission. Travelers cheques signed over to a third party cannot be cashed in China, but can be presented for collection through the Bank of China.

About Xi'an

Xi'an, the capital city of 13 dynasties, is an ancient and historic city with a long history as early as 1100 thousand years ago when Lam Tin lived and worked here. The long history leaves Xi'an lots of precious cultural treasures, including the Terracotta Warriors, the relic of Chang'an city, Lotus palace of Tang Dynasty, the Xi'an Circumvallation, Great and Small Wild Goose Pagoda, the Drum and Bell Towers, the Huaqing Pond and the Famen Temple, etc. that have already been well-known to the world. However, the authentic old Xi'an life is probably best represented by its many temple fairs, square courtyards, the Shanxi Opera and the different styles of Chinese cuisine such as many Shaanxi noodles, mutton bun, dumpling banquet. Now Xi'an is a fast-growing and fashionable city with a full 21st Century vitality, similar to other great metropolis elsewhere in today's world. Particularly, the successful holding of the Expo 2011 XI AN CHINA has brought great changes to Xi'an, strengthening the friendly communications between Chinese and foreign people.

Xi'an is also a tourist city. The city witnessed many major events in China's history. Every brick, every object unearthed in that historic city can tell us a fascinating story. The Shaanxi history museum there has a collection of over 370000 items. You cannot miss it.



More details please refer to the web

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