

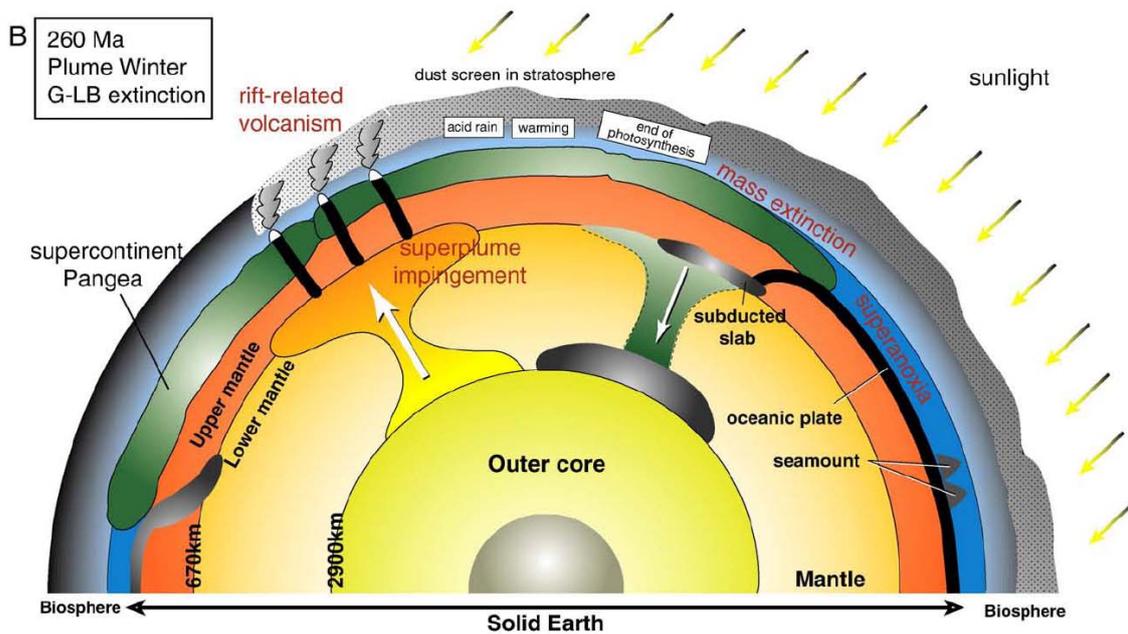


国家自然科学基金委员会
National Natural Science Foundation of China



International Conference on Continental Dynamics

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



Y. Isozaki, Gondwana Research, 2009

First Circular

Post-conference excursion, April 26-28, 2014

“Tectonics and evolutionary history of the Qinling orogen”

Objectives

The International Conference on Continental Dynamics (ICCD) is aimed at discussion and exchange of ideas on a wide range of topics related to the formation of continents, cratons and supercontinents and their relationship to tectonics and deep mantle dynamics. ICCD comprises a three-day conference and deliberations followed by a post-conference field excursion to the Qinling Orogenic Belt. The Organizing Committee of the ICCD aims to bring together geologists, petrologists, geochemists, geochronologists and geophysicists integrating diverse approaches and methodologies.

The formation of continents, cratons and supercontinents constitute a focal theme of wide interest for not only evaluating the geological and tectonic history of Earth, but also in understanding how our planet became habitable through drastic changes in the surface environment. The early history of the Earth during Hadean is shrouded in mystery with only traces of evidence preserved relating to the oldest continental crust. Granitic crust is the main source of nutrient supply to evolve and sustain life, and therefore the timings and relationships between crustal evolution and life evolution is emerging as an important theme in understanding the history of the Earth. The formation of cratons through building cold, rigid and thick rafts beneath ancient continents, and their subsequent erosion are also topics of wide interest. The episodic amalgamation of continents into large land masses and their disruption, termed as supercontinent cycle, have significantly influenced the biogeochemical cycle and surface environmental changes. Above all, the impact of all these processes in evolving modern life on our planet and its implications on the search for life on other planets are attracting considerable attention on a broad and multidisciplinary scale.

Conference language

The official language of the conference will be English.

Scientific themes

International Conference on Continental Dynamics (ICCD) covers the following broad themes:

1. The formation and destruction of continental crust
2. Supercontinent cycles and their biogeochemical and

environmental implications

3. Continental crust and mineral resources

4. Geophysical and geochemical perspectives on continental crust

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

The field trip provides an excellent opportunity to examine the lithological associations and tectono-metamorphic features of the southern margin of the North China Craton, the North Qinling tectonic belt and the South Qinling tectonic belt. It will also provide an exposure on the basic features of the Qinling orogenic belt, and Paleozoic-Indosinian plate tectonics and Meso-Cenozoic intra-continental tectonic evolution of the Qinling orogenic belt.

The field trip will allow participants to investigate: (1) Neoarchean-Palaeoproterozoic 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.

Scientific Committee

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General Information

Submission of abstracts

Abstracts must be in English and will be submitted via a web interface. 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). All abstracts should follow ***Gondwana Research*** format. One figure (in jpg format) and one short Table (in Word format) are allowed. Details of submission will be given in the second circular. A special issue of ***Gondwana Research*** with selected peer-reviewed original high quality contributions is also planned from the conference.

Conference site and facilities

The conference will be held in the [Shaanxi Zhangbagou Hotel](#). Sessions will take place in a conference hall equipped with video projectors and usual devices. A dedicated area will be provided for poster sessions.

Accommodation

Participants are expected to arrange their own accommodation during their stay. The [Shaanxi Zhangbagou Hotel](#) offers four ranges of accommodation possibilities. For more detailed information about the hotel, please visit the website: <http://www.zhangbagou.com>

Currency exchange

In China, only RMB is used. However, exchange centers can be found at airports, most hotels and large shopping centers. When exchanging money, please keep your receipt by which can change any remaining RMB back to

foreign currency when leaving China. 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 traveler's cheques issued by any foreign bank or financial institution. Participants will need to show a passport and pay a 3 percent commission. Traveler's 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 100 million 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 Shaaxi 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.xxx/iccd.htm>