



The First International Symposium of the International Geoscience Programme Project 608



Cretaceous ecosystems and their responses to paleoenvironmental changes in Asia and the Western Pacific

December 20-27, 2013, India

First Circular

The Cretaceous is one of the greenhouse periods in the Earth's history, well known for elevated atmospheric CO₂ levels and much higher global sea level than what exists today. Knowledge of past global warming events and their effects on the ecosystem help us better understand the consequences of present and future climatic changes. Paleobiodiversity, paleobiogeography, palaeoclimatic and palaeoceanographic aspects with their many ramifications are important to understand the Cretaceous Period in its totality.

This project aims to understand the Cretaceous ecosystems on the basis of geological records of Asia and the Western Pacific region. A diversified marine and terrestrial fossil record of this region will provide interesting insights into faunal and floral diversity, their turnover, patterns of extinction, and subsequent recoveries. Geochemical studies on the Cretaceous marine sediments of Western Pacific and Eastern Tethys can provide useful information on temperature fluctuations, latitudinal temperature gradients, Oceanic Anoxic Events (OAEs), Oceanic Red Beds (ORBs), ocean acidification etc.

The first international symposium of IGCP 608 is scheduled to be held in India in December, 2013. The Symposium will provide a platform to workers of diverse disciplines and geographical areas to present their results and ideas, and to discuss problems of Cretaceous terrestrial and marine ecosystems.

A post Symposium field excursion to the Cretaceous non-marine to shallow-marine sequences distributed in the central and western peninsular India is proposed. These sequences consist of the Bagh Beds with a prolific marine fauna and the overlying dinosaur-bearing Lameta Formation.

IGCP Project Leaders

Professor Hisao Ando (Japan)

Professor Xiaoqiao Wan (China)

Professor Daekyo Cheong (Korea)

Professor Sunil Bajpai (India)



Venue and Dates

The IGCP 608 technical sessions will be held at Birbal Sahni Institute of Palaeobotany, Lucknow, India, followed by a post symposium field excursion to central and western peninsular India.

December 19, 2013 : Arrival of participants
December 20-22, 2013: Scientific sessions of the symposium; business meeting
December 23-27, 2013: Post symposium field excursion

Abstract Submission

Participants who wish to make oral/poster presentation are requested to submit an abstract of their paper. The deadline for abstract submission is October 15, 2013.

Support Programme

According to annual funding received from UNESCO/IUGS for IGCP 608, financial support may be considered to cover registration and/or accommodation charges for a limited number of participants from developing countries on a first come first serve basis. The consideration shall be subject to: 1. Submission and acceptance of abstract before the deadline. 2. Participation in the symposium by the applicant. Financial support does not include international/domestic travel and excursion fee. For financial support please contact Professor Sunil Bajpai (directorbsip@gmail.com; sunilbajpai2001@yahoo.com)

FIRST CIRCULAR

First Symposium of the International Geoscience Programme (IGCP 608): Asia Pacific Cretaceous Ecosystems December 20-27, 2013

REGISTRATION FORM

Please type or write in block letters

Family name: _____ First and middle name(s): _____ Gender: __M__ F

Title/Position: _____ Nationality: _____

Affiliations with Postal Address: _____

City: _____ Post code: _____

Country: _____

Telephone: _____ Fax: _____

E-mail: _____

Title of the presentation _____

Mode of Presentation: ☐ Oral ☐ Poster

Please fax or e-mail the filled-in registration form by June 30, 2013 to :

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