



# INTERNATIONAL SYMPOSIUM ON "CRETACEOUS ECOSYSTEMS AND THEIR RESPONSES TO PALAEO-ENVIRONMENTAL CHANGES IN ASIA AND THE WESTERN PACIFIC"

-The 3<sup>rd</sup> Symposium of the International Geosciences Program IGCP 608  
August 16-20, 2015, Shenyang, Liaoning, China

## First Circular



**Organizer:**

China University of Geosciences (Beijing)  
Shenyang Normal University / Liaoning Museum of Paleontology

## **GENERAL INFORMATION**

According to the arrangement/plan of the IGCP 608 program, the 3rd international symposium of IGCP 608 will be held in Shenyang Normal University/Liaoning Museum of Paleontology, Liaoning, China. The symposium aims to create an opportunity to discuss the Cretaceous ecosystems and their responses to paleoenvironmental changes in Asia and the western Pacific and based upon the studies of palaeontology, palaeoecology, stratigraphy and sedimentology.

The symposium will be held together with the 12th MTE. It includes three days of oral and poster presentations. It is followed by regular sessions on palaeoenvironments, stratigraphy, paleontology and tectonics. In regular sessions there will be a variety of talks and posters on regional geology, stratigraphy, vertebrate and invertebrate fossil faunas and environments in the eastern part of the Asian continent during Jurassic - Cretaceous.

A post-symposium field excursion will be organized to observe the Mesozoic palaeontology and geology in Liaoning, which contain abundant mega- and micro-fossils. In a two-days long post-symposium field excursion, we will visit some important sites for the Jurassic and Cretaceous Biota, stratigraphy, and depositional environments in Liaoning.

The organizing and scientific committees warmly welcome you in Shenyang, for the IGCP 608 symposium, hosted by China University of Geosciences (Beijing) and Shenyang Normal University/Liaoning Museum of Paleontology.

## **EXECUTIVES AND ORGANIZING COMMITTEE**

### ***IGCP 608 Project Leaders:***

Prof. Hisao Ando (Leader)

Department of Earth Sciences, Ibaraki University, Japan

Prof. Xiaoqiao Wan (Co-Leader)

School of Earth Sciences and Resources, China University of Geosciences, China.

Prof. Daekyo, Cheong (Co-Leader)

Department of Geology, College of Natural Sciences, Kangwon National University, Korea

Prof. Sunil Bajpai (Co-Leader)

Birbal Sahni Institute of Palaeobotany, Lucknow, India

### ***Organizing Committee of the Third International Symposium of IGCP608***

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Prof. Xuan Ding, China University of Geosciences  
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Dr. Tian Jiang, China University of Geosciences (Secretary)  
Dr. Xiaolu Niu, China University of Geosciences (Secretary)  
Yunyun Zhang, China University of Geosciences (Secretary)  
Yi Han, China University of Geosciences (Secretary)  
Youjia Yao, China University of Geosciences (Secretary)

## **LANGUAGE OF THE CONGRESS**

The official language of the symposium will be English.

## **PRELIMINARY SYMPOSIUM PROGRAMME**

Aug.15: Registration,  
Aug.16: Opening Ceremony, Plenary Lectures, Sessions, cultural performances  
Aug.17: Sessions  
Aug.18: Sessions, Poster exhibition, visiting the PMOL  
Aug.19-20: Field excursions to Beipiao, Changyang, and Jianchang of western Liaoning  
Aug.21: Leaving Shenyang

## **SCIENTIFIC SESSIONS**

The symposium has arranged a variety of scientific sessions and programs, mainly including:

- M-1 Biodiversity of the Mesozoic Terrestrial Ecosystems
- M-2 Mesozoic stratigraphy and its geological background
- M-3 Mesozoic tectonics and sedimentary mineral resources
- M-4 Evolution of dinosaurs and origin of birds
- M-5 Origin and early evolution of angiosperms
- M-6 Mesozoic climatic and environmental changes
- M-7 Protections of Mesozoic geological heritages

## **INVITATION AND VISA**

Formal Letters of Invitation will be available upon request for participants who need them for visa applications. Please contact the MTE-12 Secretariat for further details.

### ***Contact***

For registration, abstract and field trip, please contact the secretary of the MTE-12 Secretariat as following circular:



# The 12th Symposium on Mesozoic Terrestrial Ecosystems

August 16-20, 2015; Shenyang, China

## First Circular

### 1. INVITATION

The Organizing Committee, representing the relevant governmental agencies and scientific institutions, cordially invite you to participate in the “12th Symposium on Mesozoic Terrestrial Ecosystems” held in Shenyang, China in August 16-20, 2015.

This symposium follows the highly successful 11th Symposium on Mesozoic Terrestrial Ecosystems held in 2012 in Kwangju, Korea, and will focus on a series of scientific sessions and symposia to display new research progress relating the Mesozoic terrestrial ecosystems.

The symposium is sponsored by the National Natural Science Foundation of China (NSFC), Palaeontological Society of China (PSC), UNESCO-IUGS Int'l Geoscience Program (IGCP), and China Fossil Protection Foundation (CFPF). The symposium is co-organized by Shenyang Normal University, Paleontological Museum of Liaoning, Nanjing Institute of Geology and Palaeontology, CAS, China University of Geosciences (Beijing) and Jilin University, China.

Mesozoic (252-66 Ma), a very important era in Earth history, witnessed the breakup of the Pangaea, the geo-/bio- events across the Triassic/Jurassic, the global warming Cretaceous, and ending in the K-Pg boundary, as well as the appearance and evolution of dinosaurs, mammals and angiosperms. The study of Mesozoic terrestrial ecosystems is very significant for exploring the origin and early evolution of birds, mammals and angiosperms, even of the reason for the dinosaur extinction. The study would also be beneficial for searching the fossil fuels (oil, coal, etc.) and protections of the fossils and other natural heritages in the world.

China, especially the Northeast China, is rich in Mesozoic geo- and biological records, including the well-known Early Cretaceous Jehol biota and Jurassic Yanliao biota, which has greatly contributed to the study of the origin and evolution of Mesozoic organisms. They have provided fresh knowledge to scientists for better understanding of the terrestrial ecosystems in deep time, and put forward also the fossil protection efforts.

MTE-12 will provide an excellent opportunity for geoscientists in multidiscipline to discuss the Mesozoic terrestrial ecosystems, followed by the field excursions to the western Liaoning, including Beipiao (the sites of Sinosauropteryx, and the earliest known angiosperm *Archaeofructus*) and Jianchang (the site of the oldest known feathered dinosaur *Achiornis*), to give a memorable experience on the paleoecosystem records. In the meantime, the 3rd Int'l Workshop of IGCP 608 will be held in Shenyang, accompanied with the MTE-12. Please see the attached file below (p.7-9) for the notice of the workshop.

Please join us in the summer of 2015 for the MTE-12 in the historical city of Shenyang, NE China for a most exciting scientific gathering. We hope to see you all at the Opening Ceremony!

SUN Ge

Chair, the Organizing Committee of MTE-12

Jan. 10, 2015

## 2. SPONSORS AND ORGANIZERS

### *Sponsors:*

National Natural Science Foundation of China (NSFC)  
Palaeontological Society of China (PSC)  
International Geoscience Program of UNESCO-IUGS (IGCP)  
China Fossil Protection Foundation (CFPF)

### *Organized by:*

Shenyang Normal University (SNU)  
Paleontological Museum of Liaoning (PMOL)  
Nanjing Institute of Geology and Palaeontology, CAS (NIGPAS)  
China University of Geosciences (Beijing)  
Jilin University (JU)

### *Co-organized by :*

Fossil Protection Bureau of Liaoning Province, China  
Key Lab for Evolution of Past Life in NE Asia, Ministry of Land & Resources, China  
Key lab for Evolution of Past Life & Environment in NE Asia, Ministry of Education, China  
Key Lab of Palaeontology Evolution & Palaeoenvironmental Change of Liaoning, China

## 3. Organizing Committee

### *Honorable Chairmen:*

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ZHOU Zhonghe	Academician CAS, IVPP, President of IPC, Beijing
WANG Chengshan	Academician CAS, China Univ. Geosciences, Beijing
CHAI Yucheng	Vice Director, Earth Science Division, NSFC, Beijing
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LIN Qun	Prof., President of SNU, Shenyang

### *Chairman:*

SUN Ge Prof., Director of PMOL; Vice-President of PSC, Shenyang

### *Vice-Chairmen:*

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TAO Qingfa	President, China Fossil Protection Foundation (CFPF) , Beijing
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SUN Yongshan	Director of Bureau of Fossil Protection, Liaoning, Shenyang
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HUHM.	Prof., Director of Dinosaur Res. Inst., Chonnam Univ., Korea, Kwangju
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GOLOVNEVAL	Prof., Bot. Inst., RAS, Russia, St-Petersburg
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KOMOOI.	Prof., Kebangsaan Univ., Malaysia
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MARTIN T.	Prof., Univ. Bonn, Germany, Bonn
MATSUKAWAM.	Prof., Tokyo Gagei Univ., Japan, Tokyo
POSPELOVI.	Prof., Geol. Inst., RAS, Russia, Moscow
SUZUKI S.	Prof., Okayama Univ., Japan, Okayama

**Secretary General:**

WANG Yongdong	Prof., NIGPAS, Secretary General of PSC, Nanjing
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**Vice-Secretary General:**

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SHAO Yongyun	Director of Sci. Techn. Div., SNU, Shenyang
ZHANG Wei	Director of Int'l Coop. Div., SNU, Shenyang

**Secretariat:**

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ZHANG Lijun	Prof. Bureau of Fossil Protection, Liaoning, Shenyang

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SONG Jiale	SNU, Shenyang
WU Sizhu	SNU, Shenyang

#### **4. LANGUAGE OF THE CONGRESS**

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M-4 Evolution of dinosaurs and origin of birds

M-5 Origin and early evolution of angiosperms

M-6 Mesozoic climatic and environmental changes

M-7 Cretaceous Ecosystem in Asia and Pacific (Workshop of IGCP 608)

M-8 Protections of Mesozoic geological heritages

#### **7. INVITATION AND VISA**

Formal Letters of Invitation will be available upon request for participants who need them for visa applications. Please contact secretary for further details.

#### **8. CALL FOR ABSTRACTS**

All participants are invited to submit abstracts regarding your research on all areas related to the Mesozoic terrestrial ecosystems. All abstracts received by the symposium will be refereed and linguistically edited. They will be included in an abstract volume and will be distributed to participants. A condition of abstract submission is that, if accepted, the paper will be presented at the symposium by one of the authors. Each attendee may present a maximum of 2 oral papers and any number of posters.

The abstract is not to exceed 1-3 A4-pages in length including title, author(s), institution and corresponding details, and email address. All abstracts are encouraged to be submitted to the

symposium secretary via email [MTE-12@pmol.org.cn](mailto:MTE-12@pmol.org.cn) before **JUNE 15, 2015**.

Details of the guide for submission of abstracts will be available in the Second Circular to be released by May 1, 2015.

A proceeding issue will be planned for publication after the symposium in the geoscience journal *Global Geology*.

## **9. REGISTRATION FEES**

Regular participant: 500 US\$

Student participants: 400 UD\$

Accompanying member: 350 US\$

The international traveling and hotel fees should be paid by participants themselves.

## **10. IMPORTANT DATES**

Janu 10, 2015	First Circular release via e-mail
April 1, 2015	Returning deadline for registraion form
May 1, 2015	Second Circular release via e-mail
June 15, 2015	Abstract submission and registratuion deadline
July 31, 2015	Third and Final Circular distribution

## **11. REPLY FORM**

Please fill in the attached reply form and send it back to symposium Secretariat before April 1, 2015 by E-mail to: [MTE-12@pmol.org.cn](mailto:MTE-12@pmol.org.cn)

## **12. CONTACT**

If you have any questions and requests regarding to this symposium, please feel free to contact us by e-mail or fax to:

MTE-12 Secretariat

PMOL/Shenyang Normal University/ 253, North Huanghe Street, Shenyang 110034, China

E-mail: [MTE-12@pmol.org.cn](mailto:MTE-12@pmol.org.cn)

Tel: +86-24-86593116; +86-13700017969; 13604181571

Web: <http://www.pmol.org.cn/MTE-12>



# The 12th International Symposium on Mesozoic Terrestrial Ecosystems

August 16-20, 2015; Shenyang, China

## REGISTRATION AND REPLY FORM

FAMILY NAME (last name): \_\_\_\_\_ FIRST NAME (s): \_\_\_\_\_

TITLE OR POSITION: \_\_\_\_\_ NATIONALITY: \_\_\_\_\_

MALE ( )

FEMALE ( )

INSTITUTION: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

City: \_\_\_\_\_ Post Cord: \_\_\_\_\_ Country: \_\_\_\_\_

E-mail: \_\_\_\_\_ Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

■ I plan to register as: Formal Participant ( ) Accompany ( ) Student ( )

■ I am interested in giving a:

Oral presentation with full title, session preferred:

\_\_\_\_\_

Poster presentation with full title:

\_\_\_\_\_

■ I am interested in participating the Scientific Session: (M- )

■ I am interested in participating the field excursions to western Liaoning: ( )

■ My suggestions and comments of scientific sessions and excursions are:

\_\_\_\_\_

Others

suggestion(s): \_\_\_\_\_

Date and Signature

**Plases send this form before April 1, 2015 to:**  
MTE-12 Secretariat, PMOL/Shenyang Normal University

253 North Huanghe Street, Shenyang 110034, China

E-mail: [MTE-12@pmol.org.cn](mailto:MTE-12@pmol.org.cn)