

The Second International Symposium of  
International Geoscience Programme (IGCP) Project 608  
*“Cretaceous Ecosystems and Their Responses to  
Paleoenvironmental Changes in Asia and the Western Pacific”*



# The 2<sup>nd</sup> IGCP608 Waseda 2014

*“Land-Ocean Linkages and Biotic Evolution  
during the Cretaceous:  
Contribution from Asia and Western Pacific”*

September 4-6: Symposium  
September 7-10: Field excursion

## SECOND CIRCULAR



## INVITATION AND AIMS

The Organizing Committee cordially invites you to the **2<sup>nd</sup> International Symposium of IGCP608** “*Cretaceous ecosystems and their responses to paleoenvironmental changes in Asia and the Western Pacific*” to be held in Tokyo, Japan on **4-10 September 2014**.

The IGCP Project 608 kicked off last year with the successful meeting of the First International Symposium at Birbal Sahni Institute of Palaeobotany, Lucknow, India. The IGCP608’s aim is to delineate the Cretaceous ecosystems and how they responded to the paleo-environmental changes during the Cretaceous time that affected the South-East Asian and adjacent Western Pacific region. We will depict how the types of ecosystems that were established during the Cretaceous evolved in Asia and the Western Pacific. Doing so, we will try to ascertain links between global and local environmental changes in both marine and terrestrial ecosystems. This project comprises two groups of major topics: 1) Variations of Cretaceous terrestrial and marine environments, and 2) Evolution of Cretaceous terrestrial and marine ecosystems in Asia and the Western Pacific.

The 2<sup>nd</sup> International Symposium of the IGCP608 in Tokyo plans to organize the following topic sessions with respect to 1) Land-ocean linkages, 2) OAE (oceanic anoxic event) phenomena, 3) Biotic evolution from Asian and Western Pacific records, and 4) Asian geoparks highlighting Cretaceous. This will be based on the multitude of the adequate information gathered from terrestrial and marine strata in Asia and Western Pacific and others.

As a post-symposium field excursion we will visit the forearc siliciclastic successions exposed along the Pacific coast and nearby, central Japan, 100-250 km east to northeast from Tokyo. We can observe fluvial to offshore turbidite facies through storm-dominated shallow-marine facies occasionally associated with several sedimentary structures and such fossil sites as vertebrate bone beds and bivalves/ammonite shell beds, including some geosites of Japanese Geoparks, “Choshi” and “North Ibaraki”.

## 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 Geosciences and Resources, China University of Geosciences, China, P.R.

**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

**Symposium Organizing Committee:**

**Organizing Committee of the Second International Symposium of IGCP608**

Prof. Hisao Ando, Ibaraki University (Chairman)  
Prof. Hiromichi Hirano, Waseda University (Vice-chairman)  
Prof. Takashi Hasegawa, Kanazawa University (Vice-chairman)  
Dr. Tohru Ohta, Waseda University (Secretary General)  
Prof. Hideo Takagi, Waseda University  
Prof. Ren Hirayama, Waseda University  
Dr. Mizuki Murakami, Waseda University (Secretary)  
Dr. Kazuma Seike, Waseda University (Secretary)  
Dr. Hitoshi Hasegawa, Nagoya University (Secretary)  
Dr. Kazuyoshi Moriya, Kanazawa University (Secretary)  
Dr. Seiichi Toshimitsu, Geological Survey of Japan  
Dr. Masanobu Yamamoto, Hokkaido University

**Scientific Advisory Board:**

Prof. Yong Il Lee, Seoul National University, Korea  
Prof. Min Huh, Chonnam National University, Korea  
Prof. Hiroshi Nishi, Tohoku University, Japan  
Prof. Yasufumi Iryu, Tohoku University, Japan  
Dr. Junichiro Kuroda, JAMSTEC, Japan  
Dr. James W. Haggart, Canada

**Co-Organizing Agency:**

School of Education, Waseda University  
Department of Earth Sciences, School of Education, Waseda University  
School of International Liberal Studies, Waseda University  
Ibaraki University  
National Institute of Advanced Industrial Science and Technology  
Geological Society of Japan  
Palaeontological Society of Japan  
Sedimentological Society of Japan  
Japanese Geoparks Network

## GENERAL INFORMATION

### Date

<b>Wednesday</b>	<b>September 3, 2014</b>	<b>Arrival of participants, registration</b>
<b>Thursday</b>	<b>September 4, 2014</b>	<b>Registration, opening session, scientific sessions, welcome dinner</b>
<b>Friday</b>	<b>September 5, 2014</b>	<b>Scientific sessions, business meeting</b>
<b>Saturday</b>	<b>September 6, 2014</b>	<b>Scientific sessions, farewell party</b>

**Sunday to Wednesday, September 7-10, 2014** Post-symposium field excursion  
*“Forearc basin siliciclastic successions along the Pacific coast, central Japan”*

<b>Thursday</b>	<b>September 11, 2014</b>	<b>Departure of participants</b>
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## Venue

The Symposium and scientific sessions will be held at

**Okuma Auditorium of Waseda University**, western central area of Tokyo, Japan (see the Map below).

**Okuma Auditorium** was opened in the year 1927, and has been designated as a national important cultural property of Japan in the year 2007. The bells, which ring six times a day, produce the same harmony as Westminster Abbey in London, for the whole city of Waseda.

The history of Okuma Auditorium has been colorfully interspersed with many important invited lecturers. Lectures were made by Albert Einstein (physician), Robert Kennedy (President of USA), Bill Clinton (President of USA), George W. Bush (President of USA), Nelson Mandela (President of South Africa), Jiang Zemin (President of China), Gloria Macapagal-Arroyo (President of Philippines), Kim Young-Sam (President of Korea), Ban Ki-Moon (Secretary-General of United Nations), Bill Gates (Chief of Microsoft Corp.) and so on.



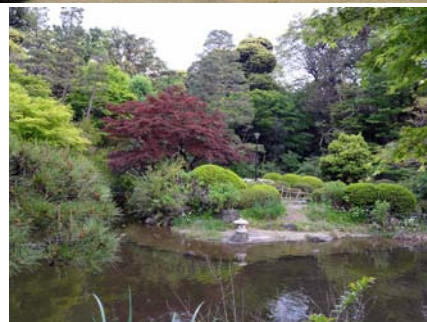
**Waseda University** was founded in the year 1882 and it is the first university in Japan that accepted women students in the year 1939. The university has just celebrated the 125th anniversary of its founding in the year 2007. Now, Waseda is one of Japan's top private and higher learning institutions. The university has over 50,000 students enrolled, which makes it as a second largest university in Japan.

## Touch Japanese culture in Waseda:

**Okuma Garden** of Waseda University is a Japanese-style garden located just beside the conference venue. In 1884, Shigenobu Okuma, the founder of Waseda University built the garden, placing extensive lawn, brooks, pond and seasonal plants.



**Kansen-en Park**, literally meaning “sweet spring park” is another traditional Japanese-style garden of Waseda University (now it belongs to the municipality). It was founded as a garden of ancient feudal lord (Samurai). The “sweet” spring water here was said to be suitable for Japanese green tea. (10-minutes walk from conference venue)



**Aizu Museum** of Waseda University exhibits the Yaichi Aizu collections of oriental, Japanese classic artifacts and archaeological items. The collections are known to be valuable, but the building itself has also been designated as a treasure (Tokyo-Metropolitan-Selected Historical Building).

**Tsubouchi Memorial Theatre Museum** of Waseda University, founded in 1928, is one and only museum in Japan that is devoted to the history of classical dramas and theatrical shows. It is especially known for the vast collection of works of Shakespeare (selected as tangible cultural asset of Shinjuku Ward).

**Anahachiman-gu Shrine** is a typical Japanese shrine located near the venue. During 1600s, a cave hole appeared inside the shrine site, and inside the hole, a bronze idol of unknown age was discovered according to legend. People believe that this shrine possesses a power for “accumulation of riches” for worshippers.

Waseda Campus Map:

[http://www.waseda.jp/eng/common/images/campus/campus\\_map\\_waseda.png](http://www.waseda.jp/eng/common/images/campus/campus_map_waseda.png)

## Post-symposium field excursion

The post-symposium field excursion will allow the participants to observe forearc basin siliciclastic successions exposed along the Pacific coast 100 to 250 km east to northeast from Tokyo, central Honshu Island: **Choshi Group** (storm-dominated shallow-marine sandstone and mudstone facies: Barremian-Aptian), **Nakaminato Group** (Campanian turbidite and offshore mudstone facies: Campanian-Maastrichtian) and **Futaba Group** (fluvial to shallow-marine sandstone and mudstone facies: Coniacian-Santonian). We can see the alternating marine (deep to shallow) and terrestrial (fluvial) deposits and their transitions in sedimentary facies and biofacies laterally and stratigraphically. We also visit some geosites of **Choshi** and **North Ibaraki Geoparks**.

### Day 1 (September 7):

Leave Waseda, Tokyo at 8 a.m. for Inubosaki (small peninsula projected into the Pacific), Choshi City

- 1) Lower Cretaceous (Barremian-Aptian **Choshi Group**) storm-dominated shallow-marine sandy sediments including some offshore sandy turbidite, Geosites of **Choshi Geopark**
  - 2) Overlying Pliocene Naarai Formation with Cretaceous radiolarian-bearing pebbles
- Dinner at Café Marina, Chiba Institute of Science near a sunset beach  
Stay at Hotel Sunrise Choshi

### Day 2 (September 8):

Leave Choshi at 8:30 a.m. for Kita-Ibaraki through Tsukuba and Nakaminato

- 1) Geological Museum, Geological Survey of Japan in Tsukuba City
  - 2) Upper Cretaceous (Campanian to Lower Maastrichtian) turbidite and offshore mudstone facies (**Nakaminato Group**) bearing some heteromorph ammonites and other molluscan fossils exposed along the Pacific coast
  - 3) Geosite of **North Ibaraki Geopark** (Hiraiso Coast, Hitachinaka City)
- Dinner served with fresh seafood and Japanese cuisine and stay at Izura Kanko Hotel facing 2) and 3) of Day 3, Kita-Ibaraki City with excellent hot-spring public baths

### Day 3 (September 9):

After North Ibaraki Geopark leave for Iwaki

- 1) Miocene methane seep carbonates at a geosite of **North Ibaraki Geopark**, Izura Coast



- 2) Rokkaku-do (red-colored small hexagonal hermitage) build on carbonate concretion blocks in Izura Institute of Art and Culture, Ibaraki University
- 3) Iwaki Coal and Fossil Museum (exhibition on plesiosaurid, dinosaur and several molluscan fossils occurred from Futaba Group, including Paleogene coal mine facilities)
- 4) Upper Cretaceous fluvial to shallow-marine sandstone and mudstone facies (**Futaba Group**)

Farewell party and stay at Iwaki Shin Maiko Heights with excellent hot-spring public baths

#### Day 4 (September 10):

After visit to the Futaba Group, leave Iwaki for Tokyo

- 1) Unconformities between the underlying Lower Cretaceous granite basement and overlying Eocene-Oligocene Iwaki Formation, and the Futaba Group
- 2) Iwaki City Ammonite Center, shallow-marine giant ammonite shell bed site.

Arrival at Tokyo until 6 p.m.

You are advised to prepare field boots, outdoor clothing, raincoat or umbrella, face towel, hat, sunglasses, sun-block lotion, backpack, necessary geological field instruments, etc. The weather of field areas in early September is still enough hot and humid, and typical temperatures are about 25-30°C (by day) and 20-25°C (at night).



## Registration Fees

US\$ 200	Symposium only (4-6 September, 2014) (including admission to the poster and oral sessions and abstract book, conference kit, refreshments, lunch, welcome dinner and farewell party).
US\$ 150	Student rate of the above (student ID needed)
US\$ 220	On-site registration rate after <b>1 July</b>
US\$ 500	Post-symposium field excursion (includes fieldguide book, accommodations, meals and transportation during the excursion).

**\*Participants should pay the registration fees at the reception desk of the conference on 3 - 4 September.**

**\*Note, we only accept cashes, and credit cards are NOT acceptable.**

## Accommodation and Rates

Reservation for accommodations at **Sunroute Hotel** (special rate) can be made through the Organizing Committee of the symposium. Accommodation arrangements can be requested by the “Reply Form” on the last page of this document. The number of room is limited, and thus the first come the first served.

<u>Room type</u>	<u>fee (per night)</u>
Single	US\$85 – 95
Double	US\$50 - 75

Information: <http://www.sunroutehotel.jp/takadanobaba/en/index.html>

Those who want to stay in other hotels in the city of Waseda or near campus can arrange reservations by themselves. The city of Shinjuku is vibrant city with many hotels and convenient for reaching the venue. There is a public bus line going from Shinjuku Station to Okuma Auditorium.

## Financial Support

The Organizing Committee will provide financial support for some of the expenses such as registration fee, accommodations or field excursion fees mainly from developing countries, who satisfy the following conditions: 1) submit an abstract before the deadline and 2) participate in the symposium. In principle, a few participants per country will be given support, and priority will be given to the Regional Coordinators and younger scientists. Already, we obtained financial support requests from many applicants of several countries, thus the support amount available for each will be limited and unable to support the full cost of meeting attendance. We ask for a kind understanding.

Please contact Dr. Tohru Ohta ([igcp608.waseda@gmail.com](mailto:igcp608.waseda@gmail.com)) of Symposium Secretary General **until 1 June**.

## SCIENTIFIC PROGRAM

The official language of the symposium is English. The scientific session venue will be provided with computers and an LCD projector.

### Expected Topic Sessions

- 1) Land-ocean linkage: Correlation, sedimentology and paleo-environments  
**Invited speaker: Dr. James W. Haggart, Canada**
- 2) OAE phenomena contributed from Asian and Western Pacific Records  
**Invited speaker: Dr. David Selby, UK**
- 3) Biotic evolution: Asian and Western Pacific fauna and flora
- 4) Asian geoparks highlighting Cretaceous

Cretaceous studies being carried out in other parts of the world and discipline are cordially invited to present to compare and contrast with the Asian and Western Pacific records for global significance and correlation.

## Preparation & Submission of Abstract

Participants who wish to give oral and poster presentations must submit an extended abstract of their presentation. Only one first authored abstract for oral presentation and two first authored abstracts for posters can be submitted. The extended abstract should not be longer than 4 printed pages (single-spaced, A4 size). Each abstract must include: 1) Title, 2) Name(s) of author(s), 3) Affiliation(s) of author(s) including email address of the first author, 4) Text, and 5) Reference(s) cited. Author(s) should send the file of extended abstract (MS Word file preferable) to **Dr. Mizuki Murakami** ([igcp608.waseda@gmail.com](mailto:igcp608.waseda@gmail.com)) **by 10 July, 2014**. Acceptance of abstracts for presentation will be announced by 15 July 2014. Example and guidelines for abstract preparation can be found in the last page of this document.

### Poster Presentation

Participants who wish to make poster presentations must prepare their posters. Poster boards are about 210 cm high and 90 cm wide. Posters are recommended to be prepared in A0 size (83 x 115 cm) and no larger than 150cm (height) and 90cm (width).

## TRAVEL INFORMATION

### Tokyo

Tokyo, Japan is located approximately 60-70 km southwest from the Narita International Airport. The Haneda International Airport is also enough convenient, only 20 km far from the central downtown area of Tokyo, and international flights are increasing year by year.

Detailed further information for transportation will be provided in the second circular. We ask all of participants to provide their flight details to the Organizing Committee so that arrangements can be made for their possible pick up at the airport.





## Access to SUNROUTE HOTEL from the airport

### Narita International Airport

JR Narita Express (approx. 2h):

Narita Airport Sta. ⇒ Shinjuku Sta. ⇒ JR Yamanote Line Takadanobaba Sta.

Limousine Bus (approx. 2h):

Narita Airport Limousine bus stop ⇒ Shinjuku Sta. ⇒ JR Yamanote Line Takadanobaba Sta.

Keisei Skyliner (approx. 2h):

Narita Airport Keisei Skyliner Sta. ⇒ Ueno Sta. ⇒ Tokyo Metro Ginza Line

Nihonbashi Sta. ⇒ Tokyo Metro Tozai Line Takadanobaba Sta.

### Haneda International Airport

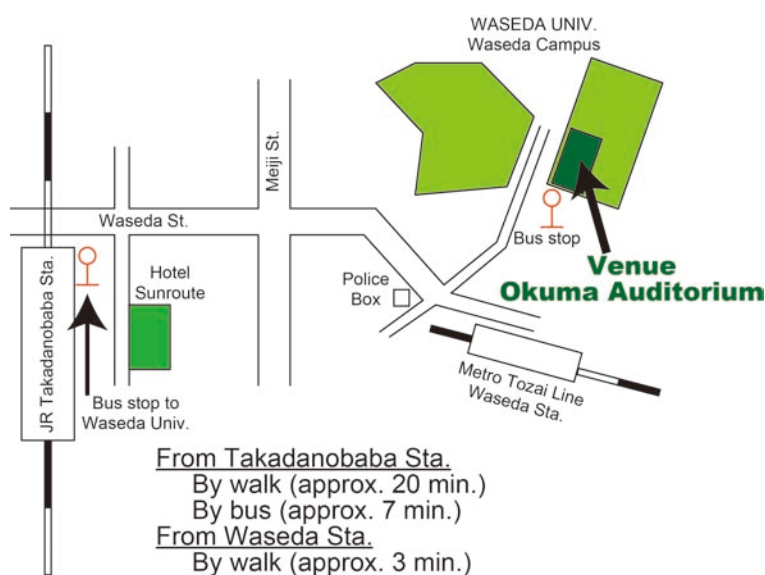
Keihin Express (approx. 1h):

Tokyo Kokusai Airport Keihin Sta. ⇒ Toei Asakusa Line Nihonbashi Sta. ⇒

Tokyo Metro Tozai Line Takadanobaba Sta.

Information for the access to the Waseda Campus from airports can be found in the end of the following page: <http://www.waseda.jp/eng/campus/map.html>

## Access to Okuma Auditorium (Waseda University) from Sunroute Hotel



Using public bus will be convenient (180 Japanese Yen). It starts from Takadanobaba Station and Okuma Auditorium will be the final stop.

### **Early September climate in Tokyo**

The weather in Tokyo in early September is still enough hot and humid, and occasional rain showers may be expected. The temperature would be higher than 25°C in the daytime, and about 20°C at night. Therefore, hats and sun protection are strongly advised for all participants, and we recommend bringing light cotton summer clothing and umbrella.

### Other useful sites

Japan: The Official Guide

<http://www.jnto.go.jp/eng/arrange/transportation/index.html>

East Japan Railway Company

<http://www.jreast.co.jp/e/index.html>

Tokyo Metro

<http://www.tokyometro.jp/en/index.html>

Rail Map

<http://www.jrpass.com/map>

Time Table and Route Search

<http://www.hyperdia.com/en/>

## Visa

Participants, who need an official letter of invitation for visa application, please indicate it on the “Reply Form”. The Organizing Committee will send the letters early June to persons who requested us. If you need the letter earlier, please inform the Committee of the desirable date soon.

## CORRESPONDENCE

Please address all correspondence and inquiries to:

**Organizing Committee of the Second International Symposium of IGCP608**

**E-Mail: [igcp608.waseda@gmail.com](mailto:igcp608.waseda@gmail.com)**

### **Dr. Tohru Ohta (Secretary General)**

Department of Earth Sciences, Faculty of Education and Integrated Arts & Sciences,  
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1-6-1 Nishiwaseda, Shinjuku, Tokyo 169-8050, Japan

E-mail: [igcp608.waseda@gmail.com](mailto:igcp608.waseda@gmail.com) (tohta@waseda.jp)

Tel: +81-3-5286-1515 Fax: +81-3-5286-1515

### **Dr. Mizuki Murakami (Symposium Secretary)**

Department of Earth Sciences, Faculty of Education and Integrated Arts & Sciences,  
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E-mail: [igcp608.waseda@gmail.com](mailto:igcp608.waseda@gmail.com) (mizuki-m@aoni.waseda.jp)

Tel: +81-3-5286-9864

## IMPORTANT DATES

<b>May 1</b>	<b>Distribution of Second Circular</b>
<b>June 1</b>	<b>Sending invitation letters upon request</b>
<b>July 1</b>	<b>Reply to Second Circular</b>

(On-site registration rate after **July 1**)

<b>July 10</b>	<b>Deadline for submission of abstracts</b>
<b>July 15</b>	<b>Notification of acceptance and mode of presentation</b>
<b>July 31</b>	<b>Distribution of Final Circular to potential participants</b>

**Website:** All up-to-date information will be provided on <http://igcp608.ibaraki.ac.jp/>

## Reply Form to Second Circular

**The Second International Symposium of IGCP608:**  
***“Cretaceous ecosystems and their responses to paleoenvironmental changes  
in Asia and the Western Pacific”***



Tokyo, Japan  
4-6 September 2013  
Web-page: <http://igcp608.ibaraki.ac.jp/>

Please complete and return before *1 July 2014*

### Personal Details

Surname:.....First name(s):.....  
Affiliation: .....

Address:

Phone: ..... Fax: .....  
E-mail: .....

Please tick the appropriate box:

I submit an abstract for a presentation: ☐ Oral ☐ Poster

Co-author: .....

Title: .....  
.....

Status (select one) : ☐ Professional ☐ Student

I am registering for a field excursion	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
I request for accommodation arrangements (Sunroute Hotel)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
[If ticked YES above] I request for a single room	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
[If checked No above] Please select your sex	<input type="checkbox"/>	Male	<input type="checkbox"/>	Female
I request vegetarian meals for meals and parties.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
I request for Invitation Letter for VISA application	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

Other requests:.....

Please fill out and send back to:

**Dr. Mizuki Murakami (Symposium Secretary)**

Department of Earth Sciences, Faculty of Education and Integrated Arts & Sciences,  
Waseda University

1-6-1 Nishiwaseda, Shinjuku, Tokyo 169-8050, Japan

E-mail: [igcp608.waseda@gmail.com](mailto:igcp608.waseda@gmail.com)

## **Example and guidelines for abstract preparation**

### **Title (Times New Roman, 12 pt., Bold)**

Name, First Name (Times New Roman, 12 pt., regular)  
( e.g., Ohta T.1, Murakami M.1 and Ando H.2)

Address post address, email address (Times New Roman, 12 pt., regular)  
(e.g., institution, postal code, city, country)(e@mail)

### Main text (Times New Roman, 12 pt., regular)

1. Maximum extent size is 4 pages including spaces, heading, neames address and body text.
2. Abstract must be written in English.
3. The abstract should include a brief introduction followed by a summary of methods, results and conclusions.
- 4.Only one figure is permitted. Color figures are not acceptable.
5. Authors are advised to prepare their abstract using a Word or Word-compatible text editor (use .doc or .docx file extensions).
6. Margins on all side should be 20 mm.
7. Send the file of abstract by e-mail: [igcp608.waseda@gmail.com](mailto:igcp608.waseda@gmail.com)

# Only one first authored abstract for oral presentation and two first authored abstracts for posters can be submitted.