



Second Circular: 4th Symposium of the International
Geoscience Programme (IGCP), Project 507
*Paleoclimates of the Cretaceous in Asia and their global
correlation*



Kumamoto University and Mifune Dinosaur Museum,
Kumamoto, Japan
1-6 December, 2009

Supported by UNESCO & International Union of Geological Sciences (IUGS)



General Information

The 4th International Symposium and field excursions of IGCP 507 aim to investigate Cretaceous biodiversity, faunal changes, environments, and climate in Asia through geological analyses of the rock and fossil records. The symposium will comprise two days of oral and poster presentations on paleoenvironments, stratigraphy, paleontology, sedimentology, and tectonics, and will be held at the Graduate School of Science and Technology, Kumamoto University, Kyushu, Japan from 1-6 December, 2009. Two field excursions, pre- and post-symposium, will offer participants the opportunity to observe marine and non-marine Upper Cretaceous deposits in Central Kyushu. (The **first circular was announced by e-mail, 26 May 2009**).

Scientific Sessions of the Symposium

The symposium will contain thematic, regular, and poster sessions, 4-5 December 2009.

○ *Thematic session* : “Vertebrate evolution in Asia during the Cretaceous”

The thematic session will provide the opportunity to learn about the latest research from vertebrate fossil sites in Japan, China, and Mongolia, and their paleoecological and geochronological contexts. A tentative list of speakers includes Dr. Nao Kusuhashi of Ehime University, Japan (mammals); Dr. Mahito Watabe of Hayashibara Museum of Nature and Science, Japan (non-avian dinosaurs); Dr. Tamaki Sato of Tokyo Gakugei University, Japan (marine reptiles); Dr. Yoshitaka Yabumoto of Kitakyushu Museum of Natural History and Human History (fishes); and Dr. Kirk R. Johnson of the Denver Museum of Nature and Science, USA (paleobotany).

○ *Regular sessions*: There will be a variety of talks and posters on the **Regional Geology, Stratigraphy, Fossil Faunas and Floras, Paleoenvironments, and Tectonics** of the Asian continent during the Cretaceous.

Field excursions

○ **Pre-symposium field excursion**: 1-3 December 2009, the Upper Cretaceous Himenoura and mid-Cretaceous Goshoura Groups, Amakusa Islands, Kumamoto.



A slump bed in the Upper Cretaceous Himenoura Group, at Ouda, Uto, Kumamoto Prefecture

We will visit Amakusa-kamishima, Kugu-shima, and Goshoura-jima Islands, and the Uto Peninsula, in western Kumamoto Prefecture by microbus (or privately owned cars) and small ship. This excursion will focus on examining sedimentary processes, faunal changes in benthic molluscan fossils, and biostratigraphy. Participants will see typical incised-valley fill, slope, basin, submarine channel, and levee deposits in the Upper Cretaceous (Santonian-Campanian) Himenoura Group, and shallow marine facies within the mid-Cretaceous (Albian-Cenomanian) Goshoura Group. These deposits contain well-preserved sedimentary structures and abundant shallow marine molluscan fossils. Participants will be able to observe modes of fossil occurrence in each depositional facies and collect bivalves, gastropods, and ammonoids.

On Goshoura Island, we will visit the Goshoura Cretaceous Museum and stay at Hotel Shimada (2 nights). The excursion will depart from the official hotel, Toyoko Inn Kumamoto Suido-cho Denteimae, at 8:30 a.m. on 1 December, and will return to the hotel on the evening of 3 December.

○**Post-symposium field excursion:** 6 December 2009, Mifune Dinosaur Museum and Upper Cretaceous Mifune Group, Mifune, Kumamoto.



Mifune Dinosaur Museum

Mifune Town, located southeast of Kumamoto City, is the classical dinosaur site in Japan. In 1979, the first dinosaur remain (tooth), which was also the first record of a carnivorous dinosaur from Japan, was discovered in this town. The Upper Cretaceous Mifune Group is distributed in this area and contains terrestrial vertebrate fossil sites. Mifune Dinosaur Museum is conducting paleontological excavations, and several research projects on stratigraphy and vertebrate paleontology. Participants on excursion will observe a typical terrestrial vertebrate site and have access to museum collections and activities. After the Mifune field trip, we will visit historic Kumamoto Castle. This excursion will start by small bus at 8:30 a.m. from the official hotel, Toyoko Inn Kumamoto Suido-cho Denteimae, and will return to the hotel at 5:00 p.m.

IGCP 507 Project Leaders

Prof. Yong Il Lee (Leader)

School of Earth and Environmental Sciences, Seoul National University, Korea

Prof. Xiaoqiao Wan (Co-Leader)

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

Dr. Takashi Sakai (Co-Leader)

Graduate School of Earth and Planetary Sciences, Kyushu University

Dr. Krishnan Ayyasami (Co-Leader)

Director, Paleontology Division, Geological Survey of India, India

Organizing and Scientific Committees of the IGCP 507 Symposium

Chair

Prof. Hiromichi Hirano, School of Education, Waseda University

Member of the Subcommittee for IGCP, Science Council of Japan

Dr. Makoto Manabe, National Museum of Nature and Science, Japan

Dr. Toshifumi Komatsu, Graduate School of Science and Technology, Kumamoto University

Mr. Naoki Ikegami, Mifune Dinosaur Museum

Dr. Hajime Naruse, Graduate School of Science, Chiba University

Dr. Reishi Takashima, Creative Research Institution Sosei, Hokkaido University

Dr. Nao Kusuhashi, Graduate School of Science and Engineering, Ehime University

Dr. Takanobu Tsuihiji, National Museum of Nature and Science, Japan

Dr. Akinori Takahashi, Research Institute for Science and Engineering, Waseda University

Dr. Masakazu Nara, Faculty of Science, Kochi University

Dr. Matthew H. Dick, Hokkaido University Museum, Hokkaido University

Dr. Takashi Hasegawa, Faculty of Science, Kanazawa University

Organizing Agencies

UNESCO & IUGS (International Union of Geological Sciences)

Co-Organizing Agencies

- Graduate School of Science and Technology, Kumamoto University
- Mifune Dinosaur Museum
- Goshoura Cretaceous Museum
- Kumamoto International Convention and Tourism Bureau
- Tokyo Geographical Society

Key Dates & Venue

12 July 2009: Release of Second Circular

15 August 2009: Reply to Second Circular

15 September 2009: Deadline for submission of abstracts

30 November 2009: Arrival of participants for pre-symposium field excursion (1-3 December)

3 December 2009: Arrival of participants for Symposium

Registration Fees

●Symposium (4-5 December 2009) and post-symposium field excursion. The registration fee includes admission to the poster and oral presentations, the abstract volume, refreshments, and the welcoming dinner. It also includes the one-day post-symposium field excursion (Mifune Group) and a two-hour trip to historic Kumamoto Castle on 6 December.

- Professional delegates: **US\$ 180**
- Student delegates: **US\$100**

○Pre-symposium field excursion (1-3 December 2009). This registration fee includes a field guide book, accommodations, seven meals, and transportation during the excursion.

- Professional and student delegates: **US\$ 430**

Payment (see *Registration Form*)

For foreign participants, we accept bank transfers and cash at the symposium. **For Japanese, we accept bank transfers only, and will not accept cash** at the symposium.

BANK: HIGO BANK **BRANCH:** KOKAIBASHI **A/C NUMBER:** 1968851
NAME: IGCP507 SYMPOSIUM KUMAMOTO TOSHIFUMI KOMATSU
ADDRESS: 8-31 YAKUENCHO, KUMAMOTO-CITY, 860-0852, JAPAN
TEL: 096-343-2185 **SWIFT CODE:** HIGO JP, JT

Official Language & Presentation Style

The official language is **English**. We will provide a Windows PC with a projector in the thematic and regular sessions. Please plan to give your presentation with **Microsoft Power Point®**.

Oral presentations: A Windows computer equipped with MS Power Point and a projector will be available in the symposium venue. For Macintosh users, please bring your own computer to avoid problems. Please turn in the file for your presentation at the desk on the morning of 4 December 2009.

- **Regular session:** 30 minutes, *including discussion*, 4-5 December 2009.
- **Poster presentation:** A0 size boards for posters will be available in the poster room or corner. You should hang your poster in the morning on 4 December.

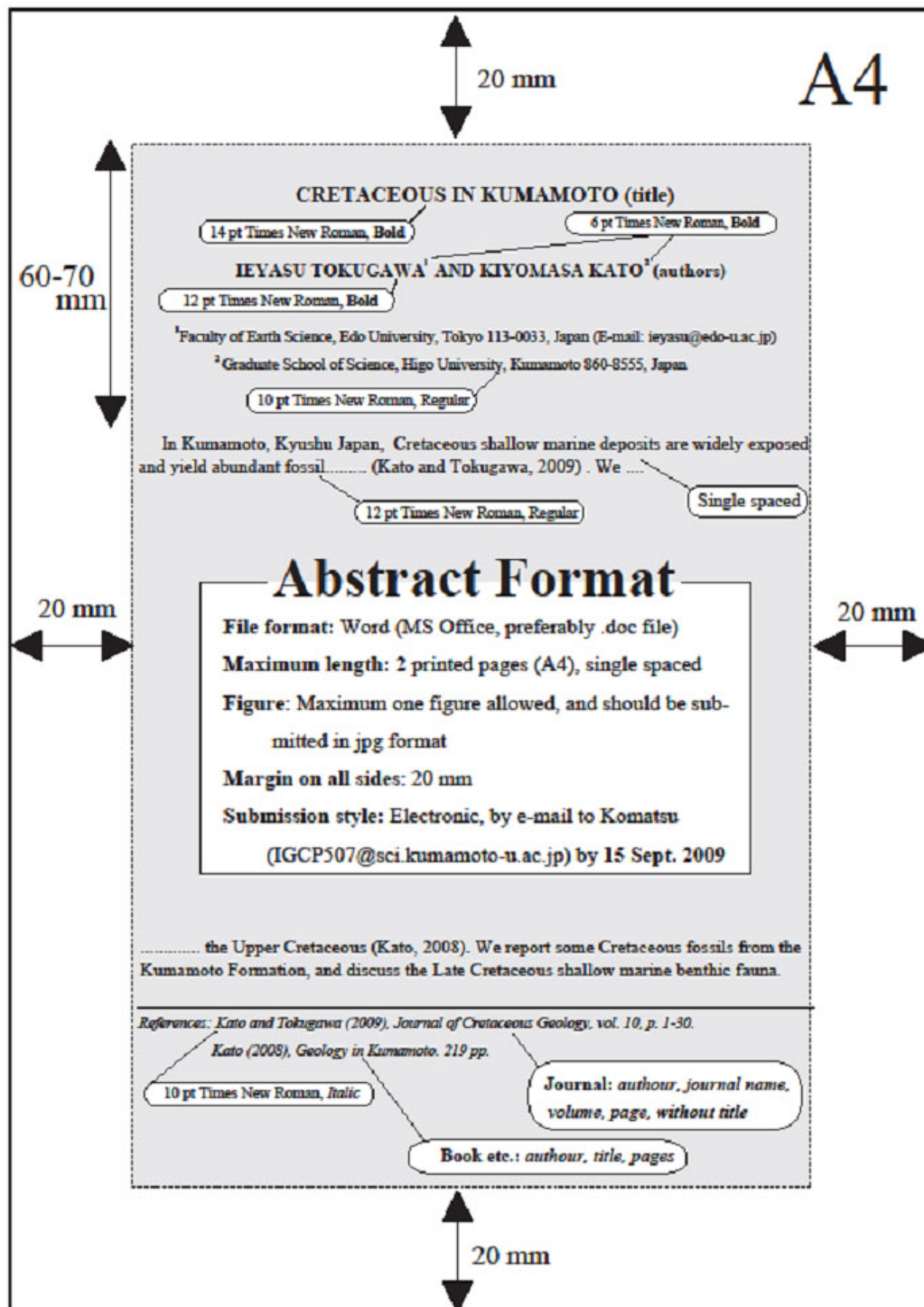
Preparation & Submission of Abstract for Oral & Poster Presentations

Participants must submit an abstract in English for **oral and poster presentations**. The abstract should be no longer than **2 printed pages** (single-spaced on **A4-size** paper) including figures and tables, if any. Each abstract must include: (1) Title, (2) Name(s) of author(s), (3) Affiliation(s) of author(s), including the e-mail address of the first author, (4) Text, and (5) References cited.

Submission: Electronic, through e-mail to Dr. Komatsu (e-mail address: IGCP507@sci.kumamoto-u.ac.jp) by **15 September** 2009.

File format: Word (MS Office), **Margins on all sides:** 20 mm. **Font:** Times New Roman.

Figures: A maximum of one figure, submitted in jpg format. Color figures are not accepted.



Poster Preparation

Posters must be prepared in A0 size (83 x 115 cm) in English.

15-20
CM

CRETACEOUS IN KUMAMOTO (title)
Kiyomasa Kato (author)
Graduate School of Science, Higo University, Kumamoto 860-8555,
Japan (E-mail: kiyomasa@higo-u.ac.jp)

The Upper Cretaceous Kumamoto Formation.....

Font & font size: FREE

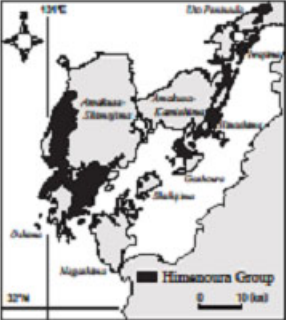


Fig. 1. The Cretaceous.....

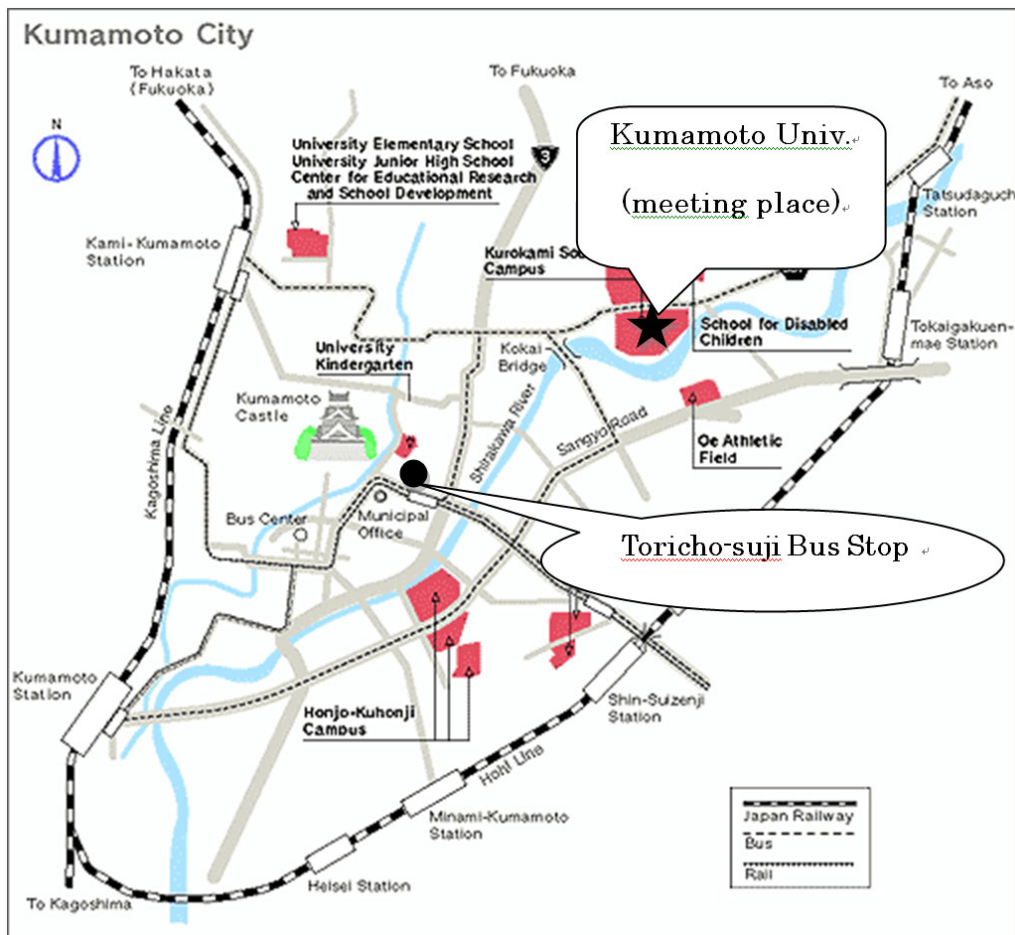
Poster Format

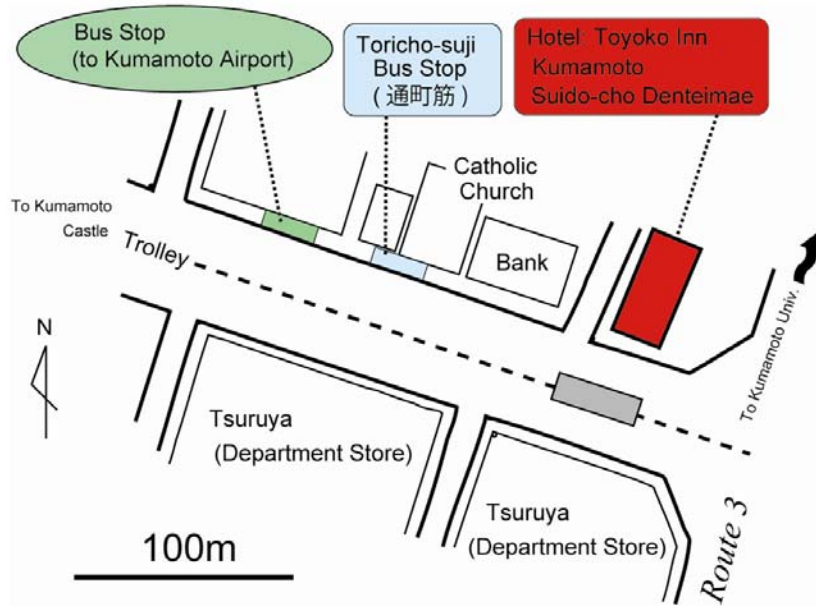
Maximum size: A0 (83 x 115 cm)
Margin on all sides: 10-20 mm

Access

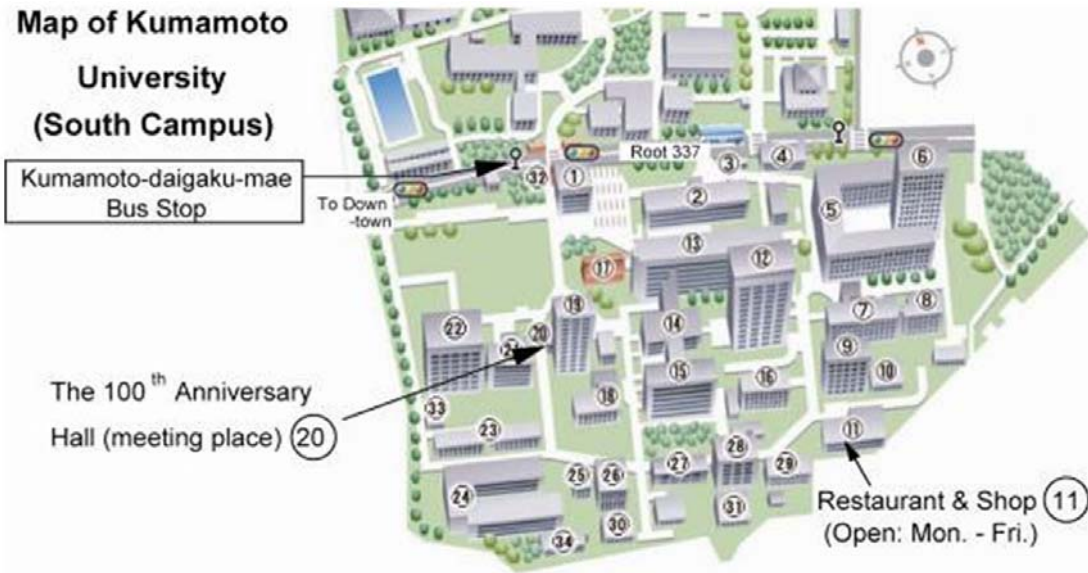
Kumamoto University is located in Kumamoto City, Kumamoto Prefecture, Kyushu. The **Kumamoto Domestic and International Airports** are located about 12 km northeast of Kumamoto City. Flight times are 90 minutes from Tokyo, 60 minutes from Osaka, and 90 minutes from Incheon, Seoul (on Mondays, Flight OZ142 departing Incheon at 15:10, arriving Kumamoto at 16:40; on Thursdays, Flight OZ142 departing Incheon at 9:50, arriving Kumamoto at 11:20). **JR (Japan Railway) Kumamoto Station** is in the western part of Kumamoto City. By limited express, it takes 90-120 minutes to reach Kumamoto from JR Hakata Station, Fukuoka Prefecture, Kyushu.

Airport and city buses are useful for visiting central Kumamoto City. **Toricho-suji** is a key bus stop downtown, and is well connected to Kumamoto University, Kumamoto International and Domestic Airports, JR Kumamoto Station, and Kumamoto-kotsu Bus Center. In addition, the bus stop is close to the official hotel. It takes about 15 minutes from **Toricho-suji Bus Stop** to Kumamoto University (**Kumamoto-daigaku-mae Bus Stop**). Busses run every 15 minutes.





Map of Kumamoto University (South Campus)



Accommodations

In Kumamoto, **Toyoko Inn Kumamoto Suido-cho Denteimae** will be the official hotel for the symposium. Bookings can be made through the Organizing Committee of the Symposium (IGCP507@sci.kumamoto-u.ac.jp). The room rates are US\$62 (single) and US\$83 (twin) per night. All rooms have LAN access for your PC. There are a PC and printer for communal use in the lobby. Please make your own bookings should you prefer to stay at another hotel.

Hotel: Toyoko Inn Kumamoto Suido-cho Denteimae

Address: 1-1, Suido-cho Kumamoto-city
Postal Code: 860-0844
TEL:+81-(0)96-325-1045, FAX:+81-(0)96-325-1043
http://www.toyoko-inn.com/e_hotel/00126/index.html

Access

40 minutes from Aso Kumamoto Airport by limousine bus (1 minute walk from Tooricho-suji Stop)
In front of Suido-cho Stop of the City Tram Line

Check-in Time / 16:00, Check-out Time / 10:00



●Room Rates (Japanese Yen)

Subject to change without notice.

Single room A ¥5,100(including tax¥5,355)

Single room ¥5,900(including tax¥6,195)

Double room ¥6,900(including tax¥7,245)

Twin room ¥7,900(including tax¥8,295)

- Cancellation charge applies from 16:00 on the date of arrival , if no prior notice.
- Children under 11 are charged at ¥1,050 per night.

●Hotel Facilities

•No Smoking Rooms, Lobby PC and Color Printer, Wireless LAN Access in Lobby Area, Telephone Service at Lobby, Drinks and Snack Vending Machine, Water Server, Ice Maker, Coin Operated Washing Machine, Easy Access Room Parking (Space for 48cars, ¥500 per night, in order of arrival)



●Room Facilities

Internet Socket, Bath, Toilet (with bidet), Air-Conditioning, Writing Desk, Refrigerator (not stocked), Safety Box, Water Heater with Humidifier, Green Tea, Bath Towel, Nightwear, Hair Dryer, Toothbrush and Razor set, Body Soap, Shampoo, Rinse, TV Toyoko-inn Theater (Video), Telephone, Guest Magazine, Cup, etc.

Kumamoto

Kumamoto City is the second largest city in Kyushu. It has a population of approximately 670,000, which is about 35% of the total population of the prefecture. The weather is generally mild, though there is a rainy season from early June to mid-July,

followed by a subtropically hot summer season. Autumn and spring offer the most comfortable weather. Warm clothing is necessary in January and February. It seldom snows even in midwinter, and never more than a few centimeters. **Early December is the early winter season in Kumamoto. The average temperature is around 15-20°C during the day. In the early morning, temperatures fall below 12°C.**

Known for its abundance of trees and greenery, Kumamoto is one of Japan's oldest cities. While offering the latest in modern facilities, Kumamoto has managed to retain the purity and simplicity of the customs, flavor, and spirit of old Japan, which make it an interesting place to visit and a delightful place to live.



Amakusa Islands



Kumamoto Castle

Local attractions include Kumamoto Castle, one of the oldest and grandest medieval castles in Japan; Kumamoto downtown area, 10-15 minutes from Kumamoto University by bicycle, with many office buildings and shopping streets; the Amakusa Islands, a chain of 120 islands known for their exciting Christian history and beautiful natural environment; and Aso National Park, crowned by an active volcano, Mt. Aso, the largest caldera volcano in the world. Because of its proximity to Mt. Aso, the Kumamoto area has an abundance of natural hot springs. In addition, the rainfall that soaks into the ground in the mountains of the Aso region takes many years to return to the surface, and Kumamoto is well-known in Japan for its delicious drinking water.

Visa letter

Participants who need an official letter of invitation for a visa application are asked to supply the Committee with the following information:

Full name: _____

Address: _____

Correspondence

Dr. Toshifumi Komatsu

2-39-1 Kurokami, Kumamoto 860-8555, Japan

Graduate School of Science and Technology, Kumamoto University

tel. +81-96-342-3425 (office), fax. +81-96-342-3411

e-mail. IGCP507@sci.kumamoto-u.ac.jp (komatsu@sci.kumamoto-u.ac.jp)



REGISTRATION FORM
IGCP 507 Paleoclimates of the Cretaceous in Asia
and their global correlation

1-6 December, 2009, Kumamoto, Japan

Please complete and return before **5 August 2009**

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

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

Please tick the appropriate box:

Symposium registration

Symposium and pre-symposium field excursion registration

Payment method (tick)

By bank transfer

BANK: HIGO BANK **BRANCH:** KOKAIBASHI **A/C NUMBER:** 1968851

ADDRESS: 8-31 YAKUENCHO, KUMAMOTO-CITY, 860-0852, JAPAN

Swift Code: HIGO JP, JT

Please fill out and return to:

Dr. Toshifumi Komatsu
Graduate School of Science and Technology, Kumamoto University, 2-39-1 Kurokami,
Kumamoto, 860-8555, Japan
E-mail: IGCP507@sci.kumamoto-u.ac.jp / komatsu@sci.kumamoto-u.ac.jp
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