

**An International Conference on DELTAS (Borneo venue):
Depositional Systems and Stratigraphic Development**



DeSEA

**January 13–18, 2006
Universiti Brunei Darussalam, Brunei**

**Call for Abstracts
Registration application form**

<http://unit.aist.go.jp/igg/rg/cug-rg/ADP.html>



Background

River deltas are one of the most significant coastal features and depositional systems. Most of the sediment delivered to the oceans by rivers has been deposited in the coastal zones, where it has built numerous deltas. These delta systems are significant not only for helping sedimentary and marine geologists understand modern processes and ancient rocks, but also for their human populations, port and City infrastructures, and natural and living resources. The Asian coast has many large and distinct river deltas, which have abundant resources and products and sustain a huge human population. These delta systems receive approximately 75% of the worldwide sediment discharge from the land to the oceans and collectively compose the largest depocenter on Earth. On the other hand, these deltaic environments are vulnerable to numerous and frequent geo-hazards, such as tsunamis, storms, floods, droughts, and sea-level rise, and recently they have been subject to anthropogenic impacts from engineering projects, urbanization, and land-use changes.

International Geoscience Programme (IGCP) Project 475, *Deltas in the Monsoon Asia–Pacific Region (DeltaMAP)*, has been organizing international conference on deltas annually. First meeting was held in Bangkok and Ayutthaya on January 15–20, 2004 in conjunction with 5th International Conference on Asian Marine Geology partially, and 2nd meeting was held in Ho Chi Minh City on January 9–16, 2005. Both meetings were co-organized with APN project Mega-Deltas of Asia (2003–2004: PI, Zhongyuan Chen). CCOP DeSEA project co-organizes since 2nd meeting. Through two meetings, more than 200 participants joined from 22 countries. We exchanged scientific ideas and new findings and discussed scientific issues and cooperation during the conference. Its report is shown at web pages of IGCP-475 <<http://unit.aist.go.jp/igg/rg/cug-rg/ADP.html>> and APN Mega-deltas <<http://www.megadelta.ecnu.edu.cn/>>.

The third meeting is held in Universiti Brunei Darussalam, Brunei in Borneo Island on January 13–18, 2006, with field excursions to modern (Baram and Trusan deltas) and ancient deltas, and optional field excursion to the Mahakam Delta. High-mountainous small islands in Asia and Oceania contribute more than 30 % of the worldwide sediment discharge from the land to the oceans. Numerous deltas distributed along the coasts are not only fascinating, but also giving modern analogs of ancient deltaic sediments in these regions, which are significant benefit to human being in energy. Borneo Island gives us one of best examples of deltas in this region. We welcome your participation and abstract submission and are looking forward to discussing with you in the field excursions.

International Geoscience Programme (IGCP) Project 475, *Deltas in the Monsoon Asia–Pacific Region (DeltaMAP)*, which runs for five years from 2003 to 2007. The IGCP has been a joint endeavor of UNESCO (United Nations Educational, Scientific and Cultural Organization) and IUGS (International Union of Geological Sciences) since 1972. The general objectives of IGCP-475 DeltaMAP are to significantly improve our understanding of Asian river deltas by 1) synthesizing recent research results; 2) bridging

the traditional gaps between terrestrial, coastal, and marine research; and **3)** identifying the major needs and goals of future research. Furthermore, in pursuing these goals, we expect significant advances in fundamental research on monsoon-driven sediment-dispersal systems.

CCOP DelSEA project, entitled *The Integrated Geological Assessment for Deltas in Southeast and East Asia Region*, running from 2004 to 2008, is a project supported by CCOP “the Coordinating Committee for Geoscience Programmes in East and Southeast Asia”. The purpose of this project is to foster the exchange of latest knowledge on deltas, Quaternary geology, sequence stratigraphy, and geological coastal management. This will enhance cooperative study on deltaic coasts, mostly through the annual meeting of IGCP-475.

IGCP-475 DeltaMAP project: Co-leaders

Steven Goodbred, Jr.: Vanderbilt University, Earth & Environmental Sciences, VU Station B 351805, Nashville, TN 37235-1805, USA, email: steven.goodbred@vanderbilt.edu

Yoshiki Saito: IGG, Geological Survey of Japan/AIST, Tsukuba, Japan, email: yoshiki.saito@aist.go.jp

CCOP DelSEA project: Leader

Yoshiki Saito: IGG, Geological Survey of Japan/AIST, Tsukuba, Japan, email: yoshiki.saito@aist.go.jp

**An International Conference on DELTAS (Borneo venue):
Depositional Systems and Stratigraphic Development**



DelSEA

January 13–18, 2006

Universiti Brunei Darussalam, Brunei

With excursions to Baram and Trusan deltas

Optional Field Tour to the Mahakam Delta, January 19–22, 2006

Call for Abstracts

Registration application form



<http://unit.aist.go.jp/igg/rg/cug-rg/ADP.html>

The focus of the 3rd meeting is "Depositional Systems and Stratigraphic Development", with sessions on sedimentary processes, controls on deposition, facies, stratigraphic development and subsurface applications and general sessions on drainage basins and hydrologic modeling as well as human impact and land use. We welcome your participation and abstract submission.

Organizer/Sponsors

UNESCO/IUGS, IGCP-475, *DeltaMAP* (3rd Annual Meeting): <http://unit.aist.go.jp/igg/rg/cug-rg/ADP.html>

CCOP *DelSEA* Project (2nd Annual Meeting): <http://www.ccop.or.th/>

Universiti Brunei Darussalam: <http://www.ubd.edu.bn/index.htm>

IGG, Geological Survey of Japan/AIST: <http://unit.aist.go.jp/igg/en/index.html>

SE&E Asia Regional IPO Node of IGBP-LOICZ-II: <http://www.loicz.org/>

World Deltas Network (WDN): <http://www.wd2bw.org/Members/jjk/wdn/>

Total E & P Deep Offshore Borneo B.V.

Brunei Shell Petroleum Sdn. Bhd.

Local Organizing Committee

Prof. Joe Lambiase

Universiti Brunei Darussalam, Brunei, Faculty of Science, Department of Petroleum Geoscience

Venue and Schedule, January 2006

13th: arrival

14th-16th: Scientific sessions and business meeting at Universiti Brunei Darussalam

17th-18th: Field excursion to Baram and Trusan deltas

19th: departure or

19th–22th: Optional Field Tour to the Mahakam Delta

Meeting venue: Universiti Brunei Darussalam

Address: Jalan Tungku Link, Brunei Darussalam

Tel: +673-246-3051, fax: 673-246-1502

Sessions

Scientific sessions consist of several 30 minute keynote talks plus oral and poster presentations. Oral presentations will have a 20 minute time slot and poster presenters will give 2-minute oral summary.

Key Lectures

Dr. Peter McCabe (U.S. Geological Survey)

"Evolution of deltas over the last 150 m.y.: Understanding petroleum generation in large deltaic systems"

Dr. Justin Wilkinson (U.S. Geological Survey)

"Megafans and modern coastlines: New concepts from astronaut imagery of continental interiors"

Prof. Chuck Nittrouer (University of Washington)

"Recent advances in understanding river-delta-shelf systems in diverse settings"

Prof. George Pemberton (University of Alberta) "The unique ichnological signature of deltaic deposits"

Prof. Joseph Lambiase (Universiti Brunei Darussalam)

"Depositional processes, facies, morphology and stratigraphic successions on Borneo deltas: Challenging the models".

and others.

Official Language

English is official language of the conference.

Call for Abstracts

Abstracts should be e-mailed or arrive by post to Yoshiki Saito, <yoshiki.saito@aist.go.jp> by **October 15, 2005**. Abstract format: MS Word file; title, authors, affiliation(s), e-mail address of corresponding author, main text (A4, 1 page including figures, less than 500 words). All abstracts will be published in an abstract volume that will be distributed to all participants.

Publication of Proceedings

It is intended that the conference proceedings will be published as a special publication of the Geological Society of London.

Field Excursion

Field excursion participants will visit two modern deltas in different depositional settings and an outcrop example of each. The Baram Delta lies on the South China Sea coast of Brunei and Malaysia. It was long considered to be a wave-dominant delta because of its morphology, but recent work indicates that it is a mixed tidal and wave system. The excursion will visit the delta's shoreline and its large, arcuate mouth bar that exhibits both tidal and wave dominant facies, plus a nearby late Miocene outcrop that displays the same facies in a retrogradational succession.

The lobate Trusan Delta straddles the Brunei – Malaysia border in the low energy environment of Brunei Bay. Field excursion participants will view the tidal facies that dominate modern sedimentation on the active lobe. The excursion will also visit a 400 m middle Miocene succession in Brunei with stacked, progradational tidal parasequences, mangrove coals and tidal flat facies that has been interpreted as an ancient analogue of the Trusan Delta.

Weather and Currency

The weather in Brunei in January is the wet season. The average temperature in January is 30–32 °C for the daily high and 25–27 °C for the daily low.

The Currency in Brunei is BND (1 US\$ = BND ca. 1.66). Singapore dollars can be used as local currency in Brunei. US\$ or S\$ are recommended.

Health Requirements

Please consult travel agents in your own country to obtain up-to-date information on recommended immunizations and other health precautions.

Travel Arrangements

There are daily direct flights to Brunei from Kuala Lumpur, Bangkok, Manila, Jakarta and Singapore and less frequent flights from Sydney, Perth, Brisbane, Hong Kong and Shanghai.

Visas

Participants must possess a valid passport that is valid for at least 6 months after their arrival in Brunei. Citizens of some countries require visas to enter Brunei. Please ask a travel agent or Brunei Embassy. PLEASE NOTE: All field trip participants who require visas must obtain MULTIPLE ENTRY visas for both Brunei and Malaysia BEFORE they arrive for the conference. Visa on arrival facilities are NOT available on the field trip for either Brunei or Malaysia.

Most participants in the optional Mahakam Delta field trip will need a visa for Indonesia. Please ask a travel agent or Indonesian Embassy whether it can be obtained on arrival.

Accommodations

The registration fee covers one night accommodation during the excursion, but it does not include accommodations during the conference. There are 5 choices of accommodation listed on the attached accommodation request form. They range in price from US\$ 10 nett per night in the University hostel to US\$ 210 nett per night in the Empire Hotel, including breakfast. If you wish to share a room, please indicate it on the application form. Your hotel request should be sent to Yoshiki Saito <yoshiki.saito@aist.go.jp> by October 15, 2005. Please use attached registration form. Room booking will be done only for participants, who make advanced payments until November 1st, 2005.

Hotel Contact Information

Grand City Hotel: Tel + 673-245-2188, Fax + 673-245-2110

Riverview Hotel: Tel + 673-2238238, Fax + 673-223-7999

Empire Hotel: Tel = 673-241-8888, Fax + 673-241-8999, Website: www.theempirehotel.com

Registration Fee

Full Registration Fee: US\$300, includes abstract volume, field excursions, one-night accommodation during excursion and lunches and dinners from January 14 to 18.

Scientific Meeting Only: US\$150, includes abstract volume, three lunches and dinners on January 14 and 16. Accompanying Person: US\$100 (not including abstract volume).

Advanced Payments

All prices are quoted in US dollars. Payment should be made by telegraphic transfer to arrive by November 1st, 2005. Pre-registration will not be processed without payment. Payment should be sent to:

Account Name: Joseph J Lambiase

Account Number: 001-052984-057

Bank Name: HSBC Brunei

Branch Name : Main Branch

Address: Jalan Sultan, Bandar Seri Begawan, Brunei

Note: Banks in Brunei do not participate in the international swift code programme.

Financial Assistance

IGCP-475 funds will be available to partially support a limited number of speakers from developing countries including host country. Preference will be given to younger scientists who present a paper at the conference. Such funds will be provided cash-in-hand to receipts during the conference. Applications for such funding, including the abstracts of the proposed paper and your short CV, should be submitted to Drs. Steven L. Goodbred <e-mail: Yoshiki Saito <yoshiki.saito@aist.go.jp> or steven.goodbred@vanderbilt.edu >, **by September 30, 2005**. This support will cover the local expense in Brunei including the full package registration fee. This earlier deadline is required to give IGCP headquarters, Paris, sufficient time to approve the funding, which is recipient-specific. Some countries have a national IGCP fund to support attendance by their scientists and graduate students at IGCP conferences. Potential delegates should ascertain whether their national IGCP Committee distributes travel grants.

Key date:

September 30, 2005; Application of financial support

October 15, 2005; Registration form, abstract submission, hotel request

Please send both to Yoshiki Saito by e-mail <yoshiki.saito@aist.go.jp>

November 1, 2005; Advanced payment of the registration fee to Joseph J Lambiase (See Advanced Payments)

All correspondence and special requests should be directed to:

Dr. Yoshiki Saito
IGG, Geological Survey of Japan/AIST
Central 7, Higashi 1-1-1, Tsukuba, 305-8567, Japan
Tel: +81-29-861-3895, Fax: +81-29-861-3747
E-mail: yoshiki.saito@aist.go.jp

Dr. Steven Goodbred, Jr.
Vanderbilt University
Earth & Environmental Sciences
VU Station B 351805
Nashville, TN 37235-1805, USA
Tel: +1-615-343-6424, Fax: +1-615-322-2138
E-mail: steven.goodbred@vanderbilt.edu

Dr. Joseph J Lambiase
Department of Petroleum Geoscience
Universiti Brunei Darussalam
Tungku Link, Brunei BE 1410
Tel: +673-246-3051, Fax: +673-246-1502

E-mail: lambiase@fos.ubd.edu.bn

Registration Form

Please return this form by e-mail in the body of the message or with attachment to <yoshiki.saito@aist.go.jp>, by fax to +81-29 861 3747, or by post (Yoshiki Saito, Geological Survey of Japan/AIST, Central 7, Higashi 1-1-1, Tsukuba, 305-8567, Japan). If you do not receive any response showing receipt from Yoshiki Saito, please contact him.

Deadline: October 15, 2005 (firm)

**International Conference on DELTAS:
3rd Annual Meeting of IGCP-475 DeltaMAP &
2nd meeting of CCOP DelSEA project
Universiti Brunei Darussalam**

Surname _____ Other Names _____
Prefix (select one) Professor/Dr./Mr./Mrs./Miss * Male [] Female []
Address _____

Tel: _____ Fax: _____
E-mail: _____

Presentation:

Title of poster presentation: _____

Title of oral paper: _____

Abstract enclosed* Yes [] No []

Do you intend to submit a manuscript for inclusion in the conference proceedings? Yes [] No []

Invitation letter: Do you need an official invitation letter for Brunei visa or your travel? Yes [] No []

I would like to participate using a full package [] US\$ 300

I would like to participate the following

[] Scientific meeting: Jan 14–16. US\$ 150

I accompany spouse or other person, who participates the following

[] Full package: Jan 14–19. US\$ 250

[] Scientific meeting: Jan 14–16. US\$ 100

Name of spouse or other person: _____

Accommodation Request Form for IGCP:

Accommodation Choice

- | | |
|--|--|
| <input type="checkbox"/> University Hostel | US\$10/night (single only) |
| <input type="checkbox"/> Visiting Lecturers Quarters | US\$25/night (single only; total of 18 rooms only) |
| <input type="checkbox"/> Grand City Hotel | US\$40/night single or sharing |
| <input type="checkbox"/> Riverview Inn | US\$55/ single, US\$60/night sharing |
| <input type="checkbox"/> Empire Hotel | US\$210/night single or sharing |

Room choice: [] Single [] share a room of double/twin beds,
[] Non-smoking [] Smoking

Accompanying spouse or other person:

For participants wishing to share a room with twin beds with another conference participant, please name your roommate, if known [name:.....], or are you willing to have your roommate assigned by the organizers? Yes [] No []

Check-in date: January....., Check-out date: January.....

Special requests (dietary restrictions, wheelchair access, etc.):

**Optional Field Tour of International Conference on DELTAS:
Modern and Ancient Mahakam Delta Sedimentary System
January 19–22, 2006**

Organized and guided by Angus Ferguson and Salahuddin Husein, Universiti Brunei Darussalam

A two-day post-meeting optional field tour has been planned to the modern Mahakam Delta in Indonesia plus outcrops of ancient Mahakam Delta sediments.

DAY 1 (January 19): Excursion overview in Brunei and travel to Jakarta

Overview discussion of the Mahakam Delta and the field excursion at Universiti Brunei Darussalam. Arrival in Jakarta on BI 735 at 2040. Check into the Ibis Slipi hotel.

DAY 2 (January 20): Travel to Samarinda via Balikpapan and outcrops of Miocene deltaic sediments

Arrive in Balikpapan on GA 510 at 0925 and board a bus for a 2 hour drive to Samarinda. After lunch in Samarinda, participants will visit outcrops of deltaic sediments that were deposited by the ancestral Mahakam Delta. The exposed facies include fluvial, tidal and wave-dominant strata. Check into the Mesra International Hotel.

DAY 3 (January 21): The modern Mahakam Delta

A full day boat tour of the modern Mahakam Delta that explores the relationships between sedimentary processes, facies and delta morphology. Highlights include stops on intertidal sand bars and a peat beach.

DAY 4 (January 22): More outcrops and departure

Participants will visit more Miocene deltaic outcrops in the Samarinda area, with discussion focussing on comparisons with the modern Mahakam Delta depositional system. The group will depart by bus for the Balikpapan airport at 1200, arriving at the airport at 1400 for 1500 or later departures.

Registration Fee: US\$ 300 (single room), US\$ 250 (twin sharing room). Includes all transport, room and meals from arrival in Jakarta to departure from Balikpapan, plus a field guide.

Maximum number of participants: 18 persons

INSTRUCTIONS TO EXCURSION PARTICIPANTS: Participants will need to book their own flight from Brunei to Balikpapan, Kalimantan, Indonesia and obtain a visa for Indonesia. Please book the flights BI 735 from Brunei to Jakarta on January 19, 2006 and GA 510 from Jakarta to Balikpapan on January 20, 2006 by yourself. For the return trip, please book a flight departing from Balikpapan after 1500 hours on January 22, 2006. Airport tax is excluded from the registration fee.

We recommend that participants obtain an Indonesian visa prior to the Brunei meeting to avoid any difficulties. Some nationalities can obtain an Indonesian visa upon arrival in Jakarta, but please confirm this with your local Indonesian embassy.

If you have any questions, please contact Joseph J Lambiase <E-mail: lambiase@fos.ubd.edu.bn >

Optional Field Tour application form

Please return this form filled in the main body of e-mail to Yoshiki Saito <e-mail: yoshiki.saito@aist.go.jp>
by October 15, 2005.

Surname _____ Other Names _____

Prefix (select one) Professor/Dr./Mr./Mrs./Miss * Male [] Female []

Address: _____

Tel: _____ Fax: _____

E-mail: _____

Room choice: [] Single [] Double/twin beds, share a room

[] Non-smoking [] Smoking

Accompanying spouse or other person:

Special requests (dietary restrictions, additional stay, etc.):