

1st Circular of 2013 Western Pacific Sedimentology Meeting Preliminary Schedule and tentative Program

1. Title of Meeting

2013 Western Pacific Sedimentology Meeting (2013 WPSM)

2. Aims and Scope of Meeting

The Western Pacific, fringed with a series of convergent plate boundaries with frequent earthquakes, volcanic eruptions and typhoons, is prone to geohazards associated with sedimentary processes (e.g., floods, landslides, and tsunamis). Intense surface erosion, rapid sediment transport, and spasmodic deposition are common features in this dynamic region where various types of active tectonic basins and natural resources are abundant. The active interaction between tectonics, sedimentation, oceanographic processes and climates is of scientific importance for not only the Western Pacific areas but also the active plate margins worldwide. This meeting aims to bring researchers from, but not limited to, Western Pacific region together to provide opportunities for multidisciplinary discussions among interested scientists, including sedimentologists, stratigraphers, paleontologists, oceanographers, paleoceanographers, natural-resource explorationists, flow modelers and engineers, to promote a holistic understanding of sedimentary processes acting on the active plate boundary zones. We particularly welcome participants outside the Western Pacific region and topics covering areas other than in the Western Pacific region.

3. Timing and Location

The conference consists of a 2-day meeting followed by a 4-day field excursion. The 2-day meeting will be held in parallel with Taiwan Geosciences Assembly (TGA) 2013 that lasts for one week (13th ~17th May, 2013). The meeting dates are the 13th and 14th May, which overlap with domestic annual meetings of Geological Society of Taiwan and Chinese Taipei Geophysical Society. The meeting held in parallel with various professional societies' annual meetings brings us an opportunity for promoting scholarly exchanges among foreign participants and local researchers/students.

The meeting venue locates at the Longtan Aspire Resort, Taoyuan, northern Taiwan, where the TGA will be held. The Longtan Aspire Resort has excellent accommodations and conference facilities for the proposed meeting. The address and website of Longtang Aspire Resort are as follows: 428, Kewang Rd., Longtan Township, Taoyuan County 325, Taiwan, <http://www.aspirepark.com.tw/>

The weather is mild and stable in Taiwan during May, which is good, especially,

for field excursion. The theme of field trip is “Sedimentation and Tectonics in the Taiwan Arc-continent Collision Zone”. The date for this field excursion is from 15th ~18th May, 2013.

4. Anticipated/desired number of participants

We anticipate around 100 participants. Of this figure, we expect around 40 participants are from overseas and others are locals. Expected overseas participants are mainly from Japan, China Mainland, Korea, New Zealand and Australia. The number of participants for field excursion is expected to be less than 30 people to accommodate within one big bus.

5. Preliminary Scientific Program

Day 1: 13 May, 2013 (Monday)

8:20-8:30 Opening Remarks (Kuo-Fong Ma & Makato Ito)

8:30-9:00 Meeting keynote speaker: Louis S. Teng (Taiwan)

Session 1.1: Geohazards and sedimentation (conveners: Daisuke Sugawara & from Taiwan)

9:00-9:30 **keynote:** Kazuhisa Goto (**Japan**)

9:30-10:30 regular oral presentation (15 minutes each, 4 people)

10:30-10:55 break

10:55-11:15 **invited talk:** Ken Ikehara (**Japan**)

11:15-12:30 regular oral presentation (15 minutes each, 5 people)

12:30-13:30 lunch

Session 1.2: Oceanography and Paleo-climates (conveners: Chih-Chieh Su, Yuan-Pin Chang, Hiroki Matsuda)

13:30-14:00 **keynote:** Ho-Shing Yu (**Taiwan**)

14:00-15:00 regular oral presentation (15 minutes each, 4 people)

15:00-15:30 break

15:30-15:50 **invited talk:** James Liu (**Taiwan**)

15:50-17:20 regular oral presentation (15 minutes each, 6 people)

17:20-18:30 posters

18:30-20:00 dinner

Day 2: 14 May, 2013 (Tuesday)

Session 2.1: Sedimentation and Basin Tectonics (conveners: Jiun-Yee Ten, Chih-Cheng Yang, Osamu Takano)

9:00-9:30 **keynote:** Philip M. Barnes (**New Zealand**)

9:30-10:30 regular oral presentation (15 minutes each, 4 people)

10:30-10:50 break

10:50-11:10 **Invited talk:** TBD (TBD)

11:10-12:25 regular oral presentation (15 minutes each, 5 people)

12:25-13:30 lunch

Session 2.2: Depositional Processes, Sedimentary Facies, and Strata Formation

(conveners: Hajime Naruse, Neng-Ti Yu)

13:30-14:00 **keynote:** Koichi Hoyanagi (**Japan**)

14:00-15:00 regular oral presentation (15 minutes each, 4 people)

15:00-15:30 break

15:30-15:50 **invited talk:** Daidu Fan (**China**)

15:50-17:20 regular oral presentation (15 minutes each, 6 people)

17:20-18:30 posters

18:30-20:00 dinner

6. Organizers and Sponsors

Organizers:

Geological Society of Taiwan

The Sedimentological Society of Japan

Sponsors:

Geological Society of Taiwan

The Sedimentological Society of Japan

National Science Council, Taiwan

International Association of Sedimentologists (IAS)

Society for Sedimentary Geology (SEPM)

Geological Society of Japan

Taiwan Ocean Research Institute, National Applied Research Laboratories

CPC Corporation, Taiwan

7. Organizing committee

Coordinators:

Andrew T. Lin: National Central University, Taiwan

Koichi Hoyanagi: Shinshu University, Japan

Advisory Board:

Louis S. Teng: National Taiwan University, Taiwan

James Liu: National Sun Yat-Sen University, Taiwan

Makoto Ito: Chiba University and president of the Sedimentological Society of
Japan

Korean colleague: (to be decided)

Daidu Fan: Tongji University, China Mainland

Philip M. Barnes: National Institute of Water & Atmospheric Research, New Zealand

Scientific Committee:

Kae-Shyuan Shea: Central Geological Survey, Taiwan

Jiun-Yee Yen: National Dong Hwa University, Taiwan

Meng-Long Hsieh: National Chung Cheng University, Taiwan

Neng-Ti Yu: National Hsinchu University of Education, Taiwan

Chih-Chieh Su: National Taiwan University, Taiwan

Yuan-Pin Chang: National Sun Yat-sen University, Taiwan

Chih-Cheng Yang: CPC Corporation, Taiwan

8. Important Dates

First circular: 20 November, 2012

Second circular: 31 December, 2012

Abstract submission deadline: 28 February, 2013

Registration deadline for meeting and field excursion: 15 March, 2013

Third circular: 1 April, 2013

Meeting dates: May 13-14, 2013 (Monday-Tuesday)

Venue: Aspire Resort, No.428, Kewang Rd., Longtan Township, Taoyuan County
325, Taiwan

Field trip: May 15-18, 2013 (Wednesday-Saturday, Theme: Sedimentation and
Tectonics in the Taiwan Arc-Continent Collision Zone)

9. Accommodation

Double room (one large bed): discount rate: NT\$ 2,520/night

Twin room (two single beds): discount rate: NT\$ 2,520/night

10. Registration Fee and Field Trip Coasts

Registration Fee: NT\$ 1,000

Field Trip Coasts: around NT\$13,000

11. Web Site (under construction)

<http://wpsm.ncu.edu.tw/>