



First Circular (Call for paper)

International symposium on sediment disasters under the influence of climate change and tectonic activity (2nd)

Scheduled at 15th and 16th September, 2011

Venue: Centennial Hall, Hokkaido University, Sapporo, Japan

Sponsored by Japan Society of Erosion Control Engineering

Aims & Scope:

Climate change and tectonic activity are known globally to be serious causes of sediment disasters. Damage from sediment disasters is widely reported in the Asian-Pacific region. The high intensity rainfall from typhoons and cyclones increases the probability of localized landslides and debris flows. Large scale sediment disasters that have been recently reported are also associated with earthquake and volcanic activity.

Scientists and land managers need to tackle sediment disasters under the influence of a changing climate and variable tectonic activities. Some of the geomorphic and hydrologic processes and the magnitude of disasters can unexpectedly overwhelm our scientific knowledge, predictive capability, and erosion control or countermeasure techniques. New scientific approaches and mitigation technologies, including land use planning and disaster prevention, should be developed for finding effective solutions to potential disasters. Incorporation of the latest sciences and technologies from local, regional, and global perspectives in geomorphology and hydrology are required to improve prediction of sediment disasters and develop warning systems under changing environments.



The aim of this symposium is to assemble and discuss sediment dynamics under the



influence of climate change and tectonic activity in the Asia Pacific region. We will share scientific knowledge for helping understand and predict processes in the various fields of hydrology, geomorphology, geology, meteorology, and hydraulics. We will also integrate knowledge for the mitigation of disasters and providing countermeasures for erosion control. We invite papers from a broad range of disciplines that are interested in these perspectives in the Asia-Pacific region. There will be keynote lectures at the symposium by invited speakers and poster presentations by associated participants. Scientists, technicians and land managers who are interested in this symposium, especially within Pacific Rim countries, are welcome to participate and contribute to the symposium.

We will design a more interactive program for the symposium. In the workshop session, discussion among young scientists will be coordinated and focus on emerging issues of the processes related to sediment disasters and methodologies for effective evaluation of these processes. We are also planning to produce a special issue to be published in an international journal. This will help achieving more widespread communication of presentations and contribution on post-symposium discussion.

Key topics of this symposium:

- Field observation and analysis of sediment dynamics and disasters
- Geomorphic and hydrological processes in sediment transport
- GIS and remote sensing for analysis and assessment
- Countermeasures for restoration and prevention
- Risk management and hazard mapping
- Watershed conservation

Program:

Keynote lectures by invited speakers
To be determined

Poster session

Contributors for poster session need to submit an abstract following submission guidelines and using the provided template until Feb 28, 2011.

Workshop

The workshop is designed for interaction and discussion among young scientists. This workshop will be composed of presentations by selected speakers, 'pop-ups' by applicants, and discussion by all in the attendance. Key topics and discussions may include known and unknown processes and mechanisms, as well as, emerging and traditional tools and measurements in hydrologic and geomorphic studies of sediment disasters.

Field trip

To be determined



Output of this symposium:

The editorial board plans to publish a special issue of the proceedings of this symposium via a peer review process in “*International Journal of Erosion Control Engineering*” after the symposium. Contributions from both keynote presentations and poster sessions will be eligible for manuscript submission in this special issue. For detailed information please see the journal web site at: <http://www.jsece.or.jp/jece/index.html>

Congress Language: English (no simultaneous interpretation)

Registration Fee: 10,000 JPY (Regular Member)
5,000 JPY (Student Member)
18,000 JPY (Non member)
13,000JPY (Non member, Student)
*Additional fee will be offered for welcome party and field trip.

If you have any questions, please contact the organizing committee by the following E-mail address. The final circular with detail program and information will be provided at 15th August, 2011.

Abstract Submission:

- Participants who wish to give a poster presentation must submit an abstract written in English with correct spelling and good sentence structure.
- The length of an abstract is limited to two pages including Title, Full Name(s) and Affiliation(s) of author(s), Key words, Text and contact E-mail address of corresponding author. Objective, method, results and discussion would be stated in the text. Figures and Tables can be included. The author(s) would be recommended to use the template file, which will be available on the symposium website.
- The abstract should be in MS-Word or PDF file format and be sent to the secretariat by e-mail before February 28th 2011. The file to be submitted must be virus-checked and made virus-free.
- Those who are accepted for presentation can contribute a full-paper for the publication.
- Selected papers by the editorial board will be scheduled publication following peer review either the Journal of JSECE or the International Journal of Erosion Control Engineering.

For further information please contact:

The secretariat of the Organizing Committee, Prof. Tomomi Marutani (Hokkaido University, Japan)

For submission of abstract and general inquiries:
apsymdisaster@for.agr.hokudai.ac.jp

Deadline and Milestone:

Submission of abstract	February 28 2011
Notification of abstract acceptance	March 31 2011
Submission of full-paper	July 31 2011



砂防学会 The Japan Society of Erosion Control Engineering

2nd Circular (Program)

End of Registration

Symposium

Submission of revised full-paper

Publishing of papers

August 15 2011

September 5 2011

September 15-16 2011

November 30 2011

January 15 2012

Organizing Committee:

Masakazu Suzuki	(Chair, University of Tokyo)
Tomomi Marutani	(Secretary General, Hokkaido University)
Masaharu Fujita	(Chief in Editor, Kyoto University)
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Further details will be provided in subsequent circulars, which will be distributed by email or available on the website of JSECE at <http://www.jsece.or.jp/indexe.html>.

