

- Cooperative Actions for Disaster Risk Reduction - (CADRR)

ISWE4, March 4-6, 2009

U-Thant Hall & Elizabeth Rose Hall, UN University, Tokyo, Japan

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Co-organized by

International Association for Wind Engineering (IAWE)
International Strategy for Disaster Reduction (UN/ISDR)
United Nations University (UNU)
Asian Disaster Reduction Center (ADRC)
Tokyo Polytechnic University (TPU)

In cooperation with

Japan Association for Wind Engineering (JAWE), The Remote Sensing Society of Japan (RSSJ),
Meteorological Society of Japan (MSJ), Japan Association for Fire Science and Engineering (JAFSE),
Japan Association for Earthquake Engineering (JAE), BioClima Research Committee (BCRC),
Japanese Study Group for Climate Impact and Application (JSGCIA), Japan Society of Civil Engineers (JSCE),
Japan Structural Consultants Association (JSCA), Japan Society for Natural Disaster Science (JSNDS),
Architectural Institute of Japan (AIJ), Japan Meteorological Agency (JMA), Japan International Cooperation Agency
(JICA), Cabinet Office - Government of Japan (COGJ, tbc), Ministry of Education, Culture, Sports, Science and
Technology (MEXT, tbc), Ministry of Land, Infrastructure, Transport and Tourism (MLIT, tbc),
Public Works Research Institute (PWRI, tbc), Building Research Institute (BRI, tbc)

Symposium Goal/Topics

This Symposium focuses on Cooperative Actions for Disaster Risk Reduction. It provides a stimulating and constructive forum for researchers from various disciplines related to natural disasters, engineers, educators, government officers and citizens specializing in disaster reduction, and gives them the opportunity to exchange and share the latest scientific and technical information. It covers all major disasters including **strong winds, earthquakes, floods, tsunamis, landslides, fire, heat wave and so on.**

Program

The symposium will be divided into two parts: an invited session on March 4-5, 2009 and general sessions on March 6, 2009. Invited speakers will come from engineering and social science disciplines as well as government agencies, in all major disaster fields. We are presently calling for general presentations.

Call for Papers

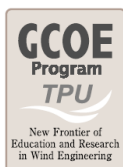
Presentations on either descriptions of actual disasters or disaster risk reduction activities are welcomed. Those who are interested in presenting a paper within the symposium scope are requested to send a **2-page abstract** to the Secretary General of this symposium at cao@arch.t-kougei.ac.jp by **February 15, 2009**. Please refer to the symposium website for the manuscript format.

Registration

The registration fee is 5,000JPY and will be waived for full-time students. Reception dinner will be charged separately. Each paper submission **must** be accompanied by (at least) one separate registration, in order for the presentation to be included in the symposium program and in the preprints.

Contact

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**UNITED NATIONS
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International Strategy for
Disaster Reduction



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PROGRAM (Tentative)

● **March 4 (Wednesday) U-Thant Hall**

08:30 - 09:00 Registration

09:00 - 09:30 Opening Ceremony

Welcome Address: **Yukio Tamura (IAWE President / TPU GCOE Director)**

Opening Address: **Konrad Osterwalder (Rector, UN University)**

Opening Address: **(Japanese Government Organization) to be confirmed**

09:30 - 10:30 Keynote Session

Giovanni Solari (University of Genova, IAWE Former President)

Salvano Briceno (Director, UN/ISDR)

10:50 - 12:20 Trends and Statistics of Hazards 1

Trends of Meteorological Hazard: Geoffrey Love (WMO)

Trends in Disaster Losses: to be fixed (Munich Re..)

Tornados/Severe Local Storms: Thomas Schmidlin (Kent State University)

Heavy Rains/Floods: Liu Zhiyu (Ministry of Water Resources, China)

13:30 - 15:10 Trends and Statistics of Hazards 2

Storm Surges/Tsunami: Fumihiko Imamura (Tohoku University)

Earthquakes: Kimiro Meguro (IIS, Japan)

Landslides: Dwikorita Karnawati (Gadjah Mada University)

Heat-wave: Joe Golden (NOAA)

Fire: Hiroshi Hayasaka (Hokkaido University)

15:30 - 17:10 Recent Devastating Disasters

Tsunami in Indian Ocean, Dec 26, 2004:

Teddy Boen (Indonesia)

Hurricane Katrina in the US, 2005:

Timothy Reinhold (Vice President, Institute for Business & Home Safety)

Cyclone Sidr in Bangladesh, Nov 15, 2007:

Tai-ichi Hayashi (Kyoto University)

Cyclone Nargis in Myanmar, May 2, 2008:

U. Tun Lwin (Director General, Myanmar Meteorological Office) to be confirmed

Wenchuan Earthquake in China, May 12, 2008:

Zifa Wang (Director, Institute of Engineering Mechanics, China Earthquake Administration)

● **March 5 (Thursday) U-Thant Hall**

08:30 - 09:00 Registration

09:00 - 10:20 Disaster Risk Reduction Activities 1

Activities in World Meteorological Organization:

Geoffrey Love (WMO)

Activities in UN University: Srikantha Herath (UN University)

Activities in ADRC: Koji Suzuki (Executive Director, ADRC)

Activities in International Center for Water Hazard and Risk Management, PWRI:

Amithirigala W. Jayawardena (ICHARM)

10:40 - 12:00 Disaster Risk Reduction Activities 2

EVO and GCOE Program: Ahsan Kareem (Univ. Notre Dame)

Pacific Islands Program: to be fixed (Emergency Management Australia)

Wall of Wind Project: Forrest Masters (University of Florida)

European COST ACTION C26 on Urban Habitat Constructions under Catastrophic Events:

Ted Stathopoulos (Concordia University)

13:20 - 15:00 Recovery/Construction and Others

Financial Instruments : Hareesh Shah (Founder, RMS)

Role of ODA : Satoru Mimura (JICA)

Role of UN-Habitat: Mariko Sato (UN-Habitat)

Earth Observations and Forecasting in Disaster

Reduction -GEOSS: Ryosuke Shibasaki (University of Tokyo)

Community Programs: Muhammad Saidur Rahman (Director, Bangladesh Disaster Preparedness Center)

15:20 - 17:20 Panel Discussions for Cooperative Actions moderated by Kishor Mehta (TTU)

Climate Change and Wind: Gabriel A. Vecchi (NOAA/Geophysical Fluid Dynamics Laboratory)

Multi-disciplinary Collaboration in Disaster Management: Tsuneo Katayama (President, International Association for Earthquake Engineering)

Idea to Establish Thematic Platform on Wind-related Disasters linked with ISDR System:

Yuichi Ono (UN/ISDR)

Discussions (IAWE, UN/ISDR, UNU, UN/HABITAT, ICHARM, ADRC, WMO, IAEE) and Resolutions

● **March 6 (Friday) Elizabeth Rose Hall**

9:00 - 17:00 General Sessions (to be updated)