

5th INTERNATIONAL CONFERENCE on FLOOD MANAGEMENT (ICFM5)

27-29 September 2011, Tokyo-Japan

Final Announcement

On-line Registration

Background

ICFM is the only recurring international conference focused solely on flood related issues. It is designed to bring together practitioners and researchers alike, including engineers, planners, health specialists, disaster managers, decision makers, and policy makers engaged in various aspects of flood management. The 5th International Conference on Flood Management (ICFM5) provides a unique opportunity for various specialists to come together to exchange ideas and experiences. ICFM5 marks the continued advancement of flood management practices and policies around the world. The first event, held in Kassel, Germany in 2000, emphasized flood defense measures with each successive event (Beijing 2002, Nijmegen 2005 and Toronto 2008) evolving towards more integrated approaches, including risk, vulnerability and capacity building.

Organizers and ICFM5 Venue

The 5th International Conference on Flood Management (ICFM5) will be held in Tokyo, Japan on 27-29 September 2011, which is organized by ICFM5 Secretariat at the International Centre for Water Hazard and Risk Management (ICHARM) under the auspices of UNESCO ICHARM was established within the Public Works Research Institute (PWRI) in Tsukuba city in March 2006 and also acts as the Secretariat of the International Flood Initiative.

ICFM5 will take place at United Nations University (UNU) for the 1st day on 27 September and at UDX in Akihabara of Tokyo for the 2nd and the 3rd days on 28 and 29 September.

Floods: From Risk to Opportunity

Risk management efforts provide opportunities to establish efficient institutional collaboration and promote living wisely with floods. The ICFM5 theme is "Floods: From Risk to Opportunity", reflective of the continued trend towards a broader understanding of how we collectively make use of opportunity in coping with risk of potential floods and flooding. International and regional cooperation and collaboration is critical to the success of the overall flood risk reduction process. Various nations and regions throughout the world are increasingly demonstrating their capacity to devise effective policies and measures to address the challenges they face due to increased risks from the impacts of climate change, increased urbanization, and environmental degradation.

Important Dates:

Abstract Submission Deadline: 15 May 2011 (Closed)

On-line Registration: By 31 Aug. 2011

ICFM5 Secretariat



ICFM5 ABSTRACT

ICFM5 is the first international conference on flood management. Hence, topic areas are formed based on flood disaster management cycle. The call for abstract for the 5th International conference on Flood Management (ICFM5) to be held in Tokyo, Japan from 27 to 29 September 2011 has found an unexpected success. The ICFM5 Secretariat received 396 abstracts from 50 nations covering all five topic areas of the Conference and the International Technical Committee (ITC) reviewed all submitted abstracts about the relevance according the ICFM5 objectives. All accepted abstracts will be published in the conference proceeding. Authors of some selected abstracts have been invited to submit their full manuscripts to be published in a peer-reviewed journal. **For detail of how to submit abstracts, please visit the ICFM5 website at: <http://www.ifi-home.info/icfm-icharm/icfm5.html>**

Topic Areas for Abstract Submission (Oral, Poster)

Topic 1: Flood Risk Management (Prevention, Mitigation and Adaptation)

- 1.1 Structural measures (design, construction, operation and maintenance)
- 1.2 Non-structural measures
- 1.3 Flood risk management policy and strategic planning
- 1.4 Land use control measures
- 1.5 Climate change adaptation
- 1.6 Environmental and ecological consideration
- 1.7 Flood management in the context of Integrated Water Resources Management
- 1.8 Maximizing flood benefits

Topic 2: Flood Disaster Management (Preparedness, Emergency Response and Recovery)

- 2.1 Flood disaster preparedness
- 2.2 Flood hazard mapping
- 2.3 Emergency management and recovery
- 2.4 Risk communication and damage assessment
- 2.5 Social capital and community defense

Topic 3: Flood Forecasting and Early Warning Systems

- 3.1 Observation, monitoring and forecasting of precipitation and discharge
- 3.2 Hydro-meteorological processes
- 3.3 Rainfall-runoff modeling, flood routing and inundation modeling
- 3.4 Prediction in ungauged basins
- 3.5 Flood warning visualization and dissemination

Topic 4: Flood Management in Different Climate Conditions and Geographic Zones

- 4.1 Urban floods, flash floods, riverine floods, storm surges
- 4.2 Landslides and debris flow
- 4.3 Floods in deltas and estuaries
- 4.4 Floods in arid areas and seasonal rivers,
- 4.5 Floods in cold regions
- 4.6 Trans-boundary rivers floods
- 4.7 Glacial lake outburst floods (GLOFs)
- 4.8 Dam malfunction flood, dam break and natural dams after earthquake, etc.
- 4.9 Reports on recent floods (lesson learned and the best practices)

Topic 5: Cross-cutting and other topics

- 5.1 Flood risk index (assessment and indicators of exposure, vulnerability and capacity)
- 5.2 Integrated flood management approaches
- 5.3 Uncertainty analysis and management
- 5.4 Role of training, information networking and public awareness
- 5.5 International cooperation and assistance
- 5.6 Indigenous flood management knowledge

Conference Structure

ICFM5 will be held in Tokyo, Japan on 27-29 September 2011. It will consist of four plenary sessions for the first day of Conference at United Nations University in Tokyo on 27 September. Parallel sessions will be started from the second day of the conference. There will be more than 30 parallel sessions for oral presentations, poster sessions and special events at UDX Akihabara in Tokyo on 28 and 29 September. Some technical and cultural tours will be scheduled on 30 September.

New Special Session on “Coping with Mega-Water-Disasters”

In order to discuss and share lessons learned and best practices on emergency response and recovery from mega-disasters, the ICFM5 Secretariat decided to include special sessions to share latest experiences and lessons on the mega-tsunami in Japan (March 11, 2011) and other recent hydro-meteorological catastrophes in the world by inviting high-level decision-makers, experts and officials. There is no change in the registration fee and all ICFM5 participants are invited to join these special sessions.

Keynotes and Plenary Sessions

All plenary sessions will be organized at the United Nations University (UNU) in Tokyo on 27 September 2011. The tentative titles of plenary sessions are as follows:

1- Flood forecasting and early warning systems

Co-conveners: WMO and UNESCO through the International Flood Initiative (IFI)

2- High-Level Expert Panel/UNSGAB on water and Disaster

3- Tsunami and reconstruction

4- Floods, landslide and debris flow due to torrential downpours

Co-conveners: IWHR of China

Special sessions

A few special sessions on various aspects of flood management will be organized according to the conference objectives. The following are:

- Impact of climate change on flood risk
- Flood resilient societies through community preparedness
- Flood risk management in mega deltas
- Risk-based Approach for Flood Management (RBFM), A joint initiative of Japan, US, UK and the Netherlands
- Associate Program on Flood Management (APFM)
- Role of Education and Training for Flood Management

Online registration has started!

Registration Categories	Fee (Japanese Yen)
Full Registration (by the end of August 2011)	35,000 JPY
One day registration	15,000 JPY
Accompanying Person Registration	15,000 JPY

Full Registration includes: Technical sessions, coffee breaks, welcoming reception, luncheons, book of abstracts, and CD proceedings.

One Day Registration includes: Technical sessions, coffee breaks, luncheon on that day, book of abstracts, and CD proceedings. Welcoming reception is not included for and tickets must be purchased separately.

Accompanying Person Registration includes: Technical sessions, coffee breaks, welcome reception and luncheon. There is no registration for accompanying persons that would like to join only the welcoming reception. For them tickets must be purchased separately.

*** There is a 50% discount in all categories for students. For more information contact ICFM5 Secretariat.**

ICFM Ad-hoc Committee

Slobodan Simonovic	ICLR(ad-hoc committee chair), Canada
Jos van Alphen	Rijkswaterstaat, Netherlands
Paul Bourget	IWR-USACE, USA
Xiaotao Cheng	IWHR, China
Erich Plate	Karlsruhe University, Germany
Kuniyoshi Takeuchi	ICHARM, Japan

International Technical/Organizing Committee

Giuseppe Arduino	UNESCO- Jakarta Office
Mustafa Altinakar	IAHR, The University of Mississippi
Arthur Askew	IAHS
Mukand Babel	AIT, Thailand
Salvano Briceno	UN-ISDR
Liang-Chun Chen	NCDR, Taiwan
Yong-joo Cho	KICT, Korea
Ian Cluckie	IAHS-ICRS/Swansea University, UK
Johannes Cullmann	National IHP/HWRP, Germany
Siegfried Demuth	UNESCO-IHP
Koichi Fujita	NILIM, Japan
Shoji Fukuoka	Chuo University, Japan
John Harding	UN-ISDR
Srikantha Herath	UNU
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Toshio Koike	GEOSS/University of Tokyo, Japan
Shangfu Kuang	IWHR/IRTCES, China
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Arthur Mynett	IAHR
Hajime Nakagawa	JSCE/Kyoto University, Japan
Taikan Oki	University of Tokyo, Japan
Naoyoshi Sato	MLIT, Japan
Byung-Ha Seoh	KDPA/ Inha University Korea
Michiharu Shiiba	JSHWR/Kyoto University, Japan
David Song	USGS, USA
Soroosh Sorooshian	CHRS, U.C. Irvine, USA
Eugene Stakhiv	ICIWaRM, USA
Bruce Stewart	WMO & IFI
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Avinash Tyagi	WMO
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Taketo Uomoto	PWRI, Japan
Kazunori Wada	PWRI, Japan
Nigel Wright	University of Leeds, UK
Tadashi Yamada	Chuo University, Japan
Gordon Young	IAHS

Local Organizing Committee

Kuniyoshi Takeuchi (Co-chair)	ICHARM
Koji Ikeuchi (Co-chair)	MLIT
Minoru Kamoto	ICHARM
Kazuhiro Nishikawa	NILIM
Norio Okada	DPRI, Kyoto University
Yuji Okazaki	JICA
Kotaro Takemura	JWF
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Supporting Organizations



Floods: from Risk to Opportunity



Contact and Registration

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