

5th INTERNATIONAL CONFERENCE on FLOOD MANAGEMENT (ICFM5)

27-29 September 2011, Tsukuba-Japan

2nd Announcement

Call for Abstracts

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.

ICFM5 will be held in Tsukuba, Japan on 27-29 September 2011, and will be organized by the International Centre for Water Hazard and Risk Management (ICHARM) under the auspices of UNESCO and the Ministry of Land, Infrastructure, Transport and Tourism (MLIT) of Japan. ICHARM was established within the Public Works Research Institute (PWRI) in Tsukuba city in March 2006. ICHARM also acts as Secretariat of the International Flood Initiative (IFI).

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.

ICFM5 Declaration to be delivered at international initiatives

The ICFM5 declaration will be prepared using presentations and discussions in plenary and parallel sessions and special events. The declaration will highlight ICFM5 outcomes in relation to international and regional events such as the 2nd Asia-Pacific Water Summit as well as the 6th World Water Forum.

Important Dates:

Abstract Submission Deadline: 1st April 2011
Acceptance Notification: By 30 April 2011
On-line Registration: March to Jun 2011

Co-organizers:



ICFM5 ABSTRACT

ICFM5 is the first international conference on flood management. Hence, topic areas are formed based on flood disaster management cycle. All abstracts should be on one A4 page with less than 500 words using the ICFM5 abstract template available on the ICFM5 website. The deadline for abstract submission is April 1st 2011. All abstracts will be reviewed by the International Technical Committee, and an acceptance notification will be sent to the authors of the accepted abstracts no later than April 30th 2011. All accepted abstracts will be published in the conference proceeding. Authors of some selected abstracts will be 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

Tsukuba
Japan

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ICFM5

5th International Conference on Flood Management

Conference Structure

ICFM5 will consist of parallel sessions for oral presentations by participants, five plenary sessions and keynotes, poster session, special events, side-meetings and technical and cultural tours.

Parallel sessions: About 25 parallel sessions are currently scheduled in three days to provide opportunity of oral presentation and discussion for the selected abstract.

Poster session: As an integral part of ICFM5 technical program, participants will be provided with unique exposure and discussion opportunity to display their posters.

Special events and Side-meetings (Proposals are welcome): The ICFM5 organizers would like to arrange special events on various aspects of flood management according to the conference topics. The conference organizers will also accept proposals for special events and side-meetings at the occasion of ICFM5. The Conference Secretariat will provide rooms and facilities based on pre-requests and reservations. Please contact ICFM5 Secretariat or visit ICFM5 website for more detail.

Technical visits and cultural tours will be organized on 30 September 2011 for interested participants and guests.

Keynotes and Plenary Sessions

ICFM5, among other objectives, will also provide a follow up on the actions identified by HLEP/UNSGAB (High-Level Expert Panel/ UN Secretary-General's Advisory Board) in the "Water and Disaster" Action Plan. All attendees will have the opportunity to participate in the following five plenary sessions, derived from the HLEP/UNSGAB Action Plan:

Plenary 1: Flood forecasting and early warning systems

Conveners: UNESCO and WMO through the International Flood Initiative (IFI)

Plenary 2: Impact of climate change on flood risk

Convener: International Center for Integrated Water Resources Management (ICIWaRM), USACE

Plenary 3: Flood resilient societies through community preparedness

Conveners: United Nations University (UNU) and ICHARM

Plenary 4: Flood risk management in mega deltas

Convener: To be announced soon

Plenary 5: Floods, landslide and debris flow due to torrential downpours

Convener: China Institute of Water Resources and Hydropower (IWHR)

Online registration will start from 1st March 2011. All fees are in Japanese Yen (JPY)

Registration Categories	Fee (Japanese Yen)
Full Registration (Early-bird, From 1 st March to the end of April 2011)	30,000 JPY
Full Registration (From 1 st May to the end of June 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, banquet, 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 and banquet 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 and/or banquet. 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	IHP /HWRP, Germany
Siegfried Demuth	UNESCO-IHP
Koichi Fujita	NILIM, Japan
Shoji Fukuoka	Chuo University, Japan
Srikantha Herath	UNU
Pierre Hubert	IAHS
Toshio Koike	GEOSS/ University of Tokyo, Japan
Shangfu Kuang	IWHR/IRTCES, China
Zbigniew Kundzewicz	RCAFE, Poland
Kungang Li	MWR, China
Arthur Mynett	IAHR
Hajime Nakagawa	JSCE/Kyoto University, Japan
Taikan Oki	University of Tokyo, Japan
Naoyoshi Sato	MLIT, Japan
Byung-Ha Seoh	KDPA, Korea
David Song	USGS, USA
Soroosh Sorooshian	CHRS, U.C. Irvine, USA
Eugene Stakhiv	ICIWaRM, USA
Bruce Stewart	WMO-Chy& IFI, BOM Australia
Kengo Sunada	JSHWR/University of Yamanashi, Japan
Andras Szöllösi-Nagy	UNESCO-IHE
Kaoru Takara	IHP Japan/Kyoto University, Japan
Kuniyoshi Takeuchi	ICHARM, Japan
Nobuyuki Tamai	IAHR
Avinash Tyagi	WMO
Stefan Uhlenbrook	UNESCO-IHE
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
Kiyofumi Yoshino	IDI
Ali Chavoshian (Secretariat)	ICHARM

Supporting Organizations



Floods: from Risk to Opportunity



Contact and Registration

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<http://www.ifi-home.info/icfm-icharm/icfm5.html>

*Please use the above URL for abstract submission and registration.