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Conference Updates

All forms and relevant information will be posted on the conference website and updated regularly. Please contact the Conference Secretariat for all other correspondence and information.

Conference Secretariat


ICWFM-2023
Institute of Water and Flood Management (IWFM),
Bangladesh University of Engineering and Technology (BUET),
Dhaka-1000, Bangladesh
E-mail: icwfm@iwfm.buet.ac.bd
Phone: 02223365601
Mobile: +8801886770366
Website: <http://icwfm2023.info/>




9th International Conference on Water and Flood Management

With special focus on

Climate Extremes and Resilient Development

 14-16 October 2023

 Dhaka, Bangladesh

Organized by



পানি ও বন্যা ব্যবস্থাপনা ইন্সটিটিউট

Institute of Water and Flood Management (IWFM)
Bangladesh University of Engineering and Technology (BUET)

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River Research Institute (RRI)
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Background and Purpose

The International Conference on Water and Flood Management (ICWFM) has been held biennially since 2007 by the Institute of Water and Flood Management (IWFM) of Bangladesh University of Engineering and Technology (BUET), and ICWFM 2023 is the ninth event. Water management in general, and flood management in particular, is an interdisciplinary field that requires integrated knowledge from diverse fields such as hydrology, hydraulics, morphology, atmospheric science, climate, environmental pollution, ecosystem, agriculture, disaster, vulnerability, risk, gender, livelihood, and poverty. As physical and socioeconomic risks change as a result of climate change and anthropogenic interventions, integrated approaches to analyzing these processes and their interactions, as well as incorporating nature-based solutions, are gaining traction. This conference aims to serve as a common platform for bringing together the most recent developments in the aforementioned fields.

The central theme of ICWFM-2023 is 'Climate Extremes and Resilient Development'. In recent years, the world has witnessed unprecedented extreme events. Cherapunji (India) received its third highest rainfall in 122 years in 24 hours in 2022, with floods submerging nearly 80-90% of north-eastern districts of Bangladesh. The 2022 drought in Europe appeared to be the worst drought in the last 500 years. Extreme events are occurring more frequently, and therefore, it is high time the world took a closer look at extreme events and incorporate appropriate management measures into planning efforts. We truly think that our hard and soft development strategies should be robust enough to withstand these climatic extremes. With this expectation, papers are invited from the following themes:

Themes

Hydrometeorological Hazards and Risk

- Trends in extreme climatic events
- Hydrometeorological forecasting and warning
- Vulnerability to natural hazards and risk
- Resilience against water-related hazards and risk
- Harmonizing autonomous and planned adaptations
- Transformative adaptation for climate change
- Forecast based anticipatory actions

Floods and Drainage

- Flood damage mitigation and resilience
- Urban flooding and storm-water management
- Waterlogging and drainage management
- Integrated approaches to flood management
- Nature-based solutions in flood risk management

Rivers, Coasts, Estuaries and Deltas

- River dynamics and restoration
- Hydro-morphology and bank erosion
- Riverine, coastal and estuarine processes
- Riverine and coastal erosion-sedimentation
- Storm surge and tidal flooding
- Nature-based solutions for coastal protection
- Systems approach towards managing coastal river-floodplain systems

Water Infrastructure and Resilient Development

- Sustainable environment and infrastructure development
- Climate-resilient infrastructure
- Landscape modification and flow regime changes
- Shore protection, port structure and navigation
- Hazard/ disaster resilient infrastructure
- Integrating grey, green and blue infrastructure
- Blue economy

Water and Livelihood Security

- Water security risks
- Water conservation, water use efficiency and productivity
- Agricultural water management
- Sustainable fisheries and water management
- Water, Sanitation and Hygiene
- Water entrepreneurship
- Gender in water management practices
- Participatory and adaptive approaches to water management
- Sustainable livelihoods and livelihood security
- Integrated assessment of social-ecological systems (SES) for sustainable livelihoods

Ecosystems and Environment

- Ecosystem services and functions
- Contamination of freshwater resources
- Water pollution and ecosystem degradation
- Management of aquatic habitats
- Sustainable use of floodplain and coastal resources
- Water-Energy Nexus for sustainable development

Water Governance

- Mainstreaming Climate Change Adaptation (CCA), Sustainable Development Goals (SDGs) and Disaster Risk Reduction (DRR) in development planning
- International water laws, treaties, and water rights
- Transboundary water conflicts and opportunities for cooperation in common/ mutual interests
- Institutional integration for transboundary water management
- Basin wide management of transboundary rivers

Panel and Special Sessions (Closed)

"Panel and special sessions" are planned on emerging and relevant topics relevant to the conference themes. Interested participants are requested to contact the Conference Secretariat for further information

Dates and Venue

The 9th International Conference on Water and Flood Management (ICWFM-2023) has been scheduled to take place at the CIRDAP International Conference Center (CICC) in Dhaka, Bangladesh from October 14th to 16th, 2023. CICC is a multi-purpose convention facility located at Topkhana Road, Dhaka. Detailed instructions will be announced on the ICWFM-2023

Website - <http://icwfm2023.info/>

Official Language

The official language of the conference is English

Extended Abstract Submission and Publication

Extended abstracts (maximum 800 words) on the conference topics are invited from interested authors. The extended abstract should be submitted by 31st May 2023. The detailed procedure of abstract submission is available on the conference website. An individual can be the lead author of a maximum of two papers. Notification of acceptance of abstracts will be sent by 10th July 2023. Pre-conference proceedings will be published based on the accepted abstracts of the registered authors. Selected papers will be peer reviewed and published in Progress in Disaster Science (Elsevier) Journal and as Book Chapters of Conference Proceedings (Springer). The post-conference proceedings from the ICWFM-2021 was published by Springer International. It is available in this link - (<https://link.springer.com/book/10.1007/978-3-030-95722-3>).

Important Dates

01 April 2023	Abstract submission opens
31 May 2023	Deadline for extended abstract submission
10 July 2023	Notification of abstract acceptance
15 July 2023	Registration begins
16 August 2023	Deadline for conference registration

Registration Fees for Authors and Participants

Authors and Participants (Non-SAARC Countries)	USD 400*
Authors and Participants (Non-SAARC Countries - Students)	USD 200*
Authors and Participants (SAARC Countries)	USD 200*
Local Authors and Participants	BDT 3500*
Local Authors (Students)	BDT 1500*

Bangladeshi citizens having full-time affiliations (as students/employees) abroad will not qualify as local participants.

* excluding technical field visit

Method of Registration and Payment

Authors of accepted abstracts and interested participants will be able to do registration and make payment using the online platform hosted at ICWFM-2023 website. Registered authors and participants will be notified through email. Besides, authors and participants can make payments via direct bank transfer. Please contact conference secretariat for details.

* Please follow detailed instructions provided at the ICWFM-2023 website to complete the registration process.

Technical Field Visit

Date: 17 October 2023
Please check website for details

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ICWFM
2023

