

CALL FOR PAPERS

Researchers and practitioners are invited to submit abstracts on relevant topics for presentation at the symposium. High-quality contributions will be carefully chosen for oral or poster presentations through a peer-review process. Furthermore, selected papers will also be published in the Mindanao Journal of Science and Technology, the International Journal for River Basin Management, and the ISU Linker – Journal of Engineering and Computing and Technology.

IMPORTANT DATES

CONFERENCE DATES | January 26–28, 2027
REGISTRATION PERIOD | December 31, 2026

DEADLINE OF ABSTRACT SUBMISSION & RECONFIRMATION | November 15, 2026
NOTIFICATION OF ACCEPTANCE | November 20, 2026
DEADLINE OF FULL PAPER SUBMISSION | December 5, 2026

Registration Fee*

250 USD FOR FOREIGN PARTICIPANTS
6,000 PHP FOR FILIPINO PARTICIPANTS

*Registration fee is inclusive of snacks and lunch during the conference and conference kit

Bank Details

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INTERNATIONAL ORGANIZATION FOR CLIMATE CHANGE ADAPTATION -
DISASTER RISK REDUCTION MANAGEMENT, INC.
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io-ccadrrm@isu.edu.ph || <https://io-ccadrrm.org>

FOR MORE INFORMATION ABOUT THE CONFERENCE AND SUBMISSION OF ABSTRACT, PLEASE CONTACT:

SECRETARIAT
ENGR. CAROL JOY F. MANGADAP
+63 992 034 1104 | io-ccadrrm@isu.edu.ph
<https://io-ccadrrm.org/2ndFSMART>



invites you to the

FSMART

2ND INTERNATIONAL SYMPOSIUM ON

INTEGRATED FLOOD AND SEDIMENT MANAGEMENT IN RIVER BASIN FOR SUSTAINABLE DEVELOPMENT

“Synergizing Science, Technology, and Policy Solutions to
Strengthen Climate-Adaptive Integrated Water Resources
Management Practices in River Basins”



JANUARY 26-28, 2027

ISABELA STATE UNIVERSITY-ECHAGUE CAMPUS
SAN FABIAN, ECHAGUE, ISABELA, PHILIPPINES



ABOUT THE CONFERENCE

The 2nd International Symposium on Integrated Flood and Sediment Management in River Basins for Sustainable Development (FSMaRT) bears the theme “Synergizing Science, Technology, and Policy Solutions to Strengthen Climate-Adaptive Integrated Water Resources Management Practices in River Basins”.

It will feature keynote presentations, plenary sessions, thematic panel discussions, interactive workshops, poster sessions, and educational and scientific tours. Furthermore, the participants can delve into in-depth discussions, network with peers, and explore potential collaborations. This event will be coordinated and managed by International Organization on Climate Change Adaptation and Disaster Risk Reduction Management, Inc.

Program of Activities

Day 2. January 27, 2027

8:30 AM - 12:00 NN	Scientific Sessions
	SESSION 1: Governance, Policy, and Socio-Economic Aspects of Water Resources Management
	SESSION 2: Climate Change and Hydrological Processes
	SESSION 3: Water Resources Management: Tools and Approaches
	SESSION 4. Training Seminar on Preparation of IWRM Master Plan for Communities and LGUs
12:00 NN - 1:30 PM	Lunch Break
1:30 PM - 4:30 PM	Scientific Sessions (continuation)
4:30 PM - 5:00 PM	Awarding and Closing Ceremony

Day 3. January 28, 2027

8:30 AM - 3:00 PM	Educational/Field Tour
	JICA-NIPPON KOEI Team Sedimentation Area and IWRM Projects at Magat Dam Reservoir
3:00 PM onwards	Home Sweet Home

SCAN HERE FOR ABSTRACT SUBMISSION AND REGISTRATION



Abstract Submission /
Reconfirmation



Pre-Registration



OBJECTIVES



KNOWLEDGE EXCHANGE

Facilitate the exchange of cutting-edge research, technological advancements, and innovative solutions in the field of integrated flood and sediment management.



BEST PRACTICES

Showcase successful case studies and best practices in managing floods and sediments in river basins to promote sustainable development.



POLICY DIALOGUE

Provide a platform for policymakers to discuss and formulate strategies that integrate flood and sediment management into broader sustainable development agendas.



INTERDISCIPLINARY COLLABORATION

Encourage interdisciplinary collaboration among scientists, engineers, policymakers, and practitioners to address the complex challenges of river basin management.



CAPACITY BUILDING

Promote knowledge transfer and capacity-building initiatives to empower communities and stakeholders with the tools and skills needed for effective flood and sediment management.

SYMPOSIUM TOPICS

TOPIC 1: Socio-Economic and Institutional Aspects of Water Resources Management (Governance, IWRM Policy and Regulation)

TOPIC 2: Dam and Reservoir Management (Reservoir Operations, Dam Safety, Sedimentation Management and Monitoring)

TOPIC 3: Climate Change and Water Resources Resilience (Risk Communication and Management, Water Conservation, Extreme Hydrological Events)

TOPIC 4: Hydrological Processes for Flood, Sediment and Water Resources (Hydro-informatics, Modeling, Drought, Flash Flood Prediction and Management)

TOPIC 5: Advanced Technologies in Flood and Sediment Management (Large-scale Water Management, Urban Water Management, Artificial Intelligence)

TOPIC 6: Water Resources Sustainability (SDGs, Community-based Studies, Capacity Building, Social and Economic Growth, and Environmental Sustainability)

TOPIC 7: Special Session for Training Seminar on Preparation of IWRM Master Plan for Communities and LGUs

PROGRAM OF ACTIVITIES

Day 0. January 25, 2027

8:00 AM - 5:00 PM Billeting and Arrival
4:00 PM - 6:30 PM IO-CCADRRM Members Meeting

Day 1. January 26, 2027

8:00 AM - 9:00 AM Registration
9:00 AM - 12:00 NN Opening Program
 Preliminaries
 Welcome and Opening Messages
 Acknowledgement of Participants
 Conference Overview
 Inspirational Messages
 Introduction of Keynote Speakers
 Message of Keynote Speakers
 Ceremonial MOU Signing

12:00 NN - 1:30 PM Lunch Break
01:30 PM - 5:00 PM Plenary Sessions
 Speaker 1 – Integrated Flood and Sediment Management in Vietnam: Policy, Education and Industry Engagement (Thuy Loi University, Vietnam)
 Speaker 2 - Dam Upgrading and Sediment Environment Restoration Engineering (KU-DPRI, Japan)
 Speaker 3 – Water Resources Management in Taiwan (NTOU, Taiwan)
 Speaker 4 – Sedimentation Counter Measures in Magat Dam and IWRM in River Basin (Japan ODA)
 Speaker 5 – Synergizing Science, Technology and Policy Solution to Strengthen Climate Adaptive Integrated Water Resources Management Practices in River Basins (KU-DPRI, Japan)
 Speaker 6 - Assessing Multi-Measure Adaptation Portfolios: Balancing Flood Risk Reduction and Water Scarcity in Regulated Basins (RID, Thailand)
 Speaker 7 - Eyes on 2030: Enhancing Ambition in Asia-Pacific to Accelerate Disaster Risk Reduction (OCD, Philippines)
 Speaker 8 – Philippine-Japan Nexus Program on Water Security (IKU-DPRI, Japan)
 Speaker 9– Water Resources Management in Mekong River Basin (VGU, Vietnam)
 Speaker 10– Flood Modeling for Integrated Flood and Sediment Management in River Basins(UP National Hydraulic Research Center, Philippines)

RATIONALE

The first International Symposium on Integrated Flood and Sediment Management in River Basins for Sustainable Development (FSMaRT) took place from December 18-20, 2022, in Da Nang, Vietnam. Its success has turned it into a regular event.

Climate change has made frequent and severe floods the 'new normal,' causing significant damage to agriculture and infrastructure and endangering water, energy, environment, and food security. To tackle these challenges, there is an urgent need for an integrated approach utilizing science and technology tools. The FSMaRT symposium aims to be a recurring forum to share knowledge and solutions, bringing together experts and stakeholders to address the complex issues of floods and sedimentation for a resilient and sustainable future.

As a guide for action, UN-SDG 6.5 states, “By 2030, integrated water resources management (IWRM) should be implemented at all levels, including through transboundary cooperation”. IWRM enhances the efficiency and effectiveness of water resources management by exchanging information and collaborating with related organizations.

The 2nd International Symposium on Integrated Flood and Sediment Management in River Basins for Sustainable Development (FSMaRT) intends to bring together experts, researchers, scientists, policymakers, and practitioners from around the world to exchange knowledge, share best practices, and foster collaboration in addressing the challenges of flood and sediment management in river basins.