



SESSION DESCRIPTION FORM 2.

10TH WORLD WATER FORUM

This Session Description Form 2 is for the specified program of the session. Please complete this form no later than 28th of February 2024.

**The session description 1 (online form) is separately requested for the session coordinators to deliver a concise session outline with the contact info and the logistical requests.*

Session Code and Title:

T3A2: Climate resilient flood risk management approaches: towards a greater resilience in the face of climate change

Session Coordinators (Name, Position, Organization, email, mobile number):

Nurul Fajar Januriyadi, Assistant Professor, Universitas Pertamina, Nurul.fj@universitaspertamina.ac.id

Sumit Sen, , Professor, South Asia Alliance of Disaster Research Institutes (SAADRI), ssenhfhy@iitr.ac.in

Anil Mishra, Chief of Section on Hydrological Systems, Climate Change and Adaptation, UNESCO, a.mishra@unesco.org

N'ZUAKO FRANCK - EVRARD KOFFI, Water and sanitation Project Officer, Young Volunteers for the Environment, e.koffi@jvecotedivoire.org

Session Description including objectives and expected outcomes (500 words maximum):

Climate change is amplifying the frequency and severity of floods, challenging us to rethink traditional flood defense mechanisms that can sometimes do more harm than good. In this panel session, we delve into the critical need for a **synergized approach** in water disaster management, marrying diverse expertise to combat the complexities of flood risks in a warming world. Engaging in a vibrant, **multi-disciplinary** dialogue, our panelists from environmental science, urban planning, policy making, and community advocacy will explore innovative, sustainable solutions to reduce flood risks while minimizing adverse impacts.

This interactive session invites audience participation, aiming to foster a dynamic exchange of ideas and experiences. Together, we'll discuss the formulation of a universal, **adaptable framework** for flood risk management that not only confronts the challenges posed by climate change but also integrates seamlessly with broader environmental and social objectives.

Our goal is to emerge with actionable insights that pave the way for **sustainable adaptation measures**, ensuring flood risk management strategies are effective, equitable, and environmentally sound across various regions. Join us as we chart a course towards resilience, leveraging a multi-disciplinary approach to safeguard our communities against the rising tide of climate-induced floods.

Detailed Session plan :

ESTIMATED TIMING	ITEM DESCRIPTION / ROLE	SPEAKERS	SPEAKERS STATUS (OK OR TBC)
3-5 minutes	Opening session	Anil Mishra, UNESCO, France, M	OK
5	Sessions Snapshot: A Moderator's Guide	Ruth Katui Nguma, UNESCO, Africa, F	OK

7	Presentation 1: Building Climate Resilience: UNESCO's Bottom-Up Approach through the Intergovernmental Hydrological Programme	Anil Mishra, UNESCO, France, M	OK
7	Presentation 2: Assessing Nature-based Solutions for Flood and Drought Risk Mitigation in the Face of Climate Change: A Case Study from the Yom and Chao Phraya River Basins in Thailand	Aksara Putthividhya , Chulalongkorn University, Thailand, F	OK
7	Presentations 3: Advancing Coastal Disaster Risk Reduction: Harnessing Satellite Data and Nature-Based Solutions	Arjen Luijendijk, Deltares, Netherlands, M	TBC
7	Presentations 4: Advancing Landslide Disaster Recovery: Insights into Japan's Use of ICT	Atsuhisa YANO, Ministry of Land, Infrastructure, Transport and Tourism, Japan, M	OK
7	Presentations 5: Implementing the Lujan River Basin Management Plan: CAF's USD 220 Million Investment in Flood Risk Reduction in Buenos Aires	Florencia Pietrafesa, CAF - Development Bank of Latin America and the Caribbean -, Argentina, F	TBC
45	Open audience engaging discussion (moderated discussion)	Ruth Katui Nguma, UNESCO, Africa, F	OK