



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:

T3CC1: Adapting to extreme hydrological events induced by climate change for sustainable development

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

Prof. Toshio Koike, Executive Director, ICHARM, Public Works Research Institute, koike@icharm.org, +81-29-879-6809

Dr. Evrard KOFFI, Water and sanitation Project Officer, e.koffi@jvecotedivoire.org

Dr. Judith Kaspersma, DELTARES Judith.kaspersma@deltares.nl, +31615284727

Chenxi LI, senior engineer, Nanjing Hydraulic Research Institute, lichenxi@nsy.com.cn, +86-15950541805

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

Objective: To advocate a multi-hazard approach. We will present and discuss the dependencies and relations between multiple hydrological events and measures against hazards in an interactive way. We do this through the use of a serious game or icebreaker, presentations of cases that illustrate the dependencies between hydrological events or the measures that are taken to prevent the events.

By end of the session, participants would be able to

- 1) identify the dependency and relationships between different types of extreme hydrological events (e.g., floods, droughts, heatwaves) and their potential impacts on infrastructure, ecosystems, and communities,
- 2) evaluate various mitigation and adaptation measures against extreme hydrological events, considering their effectiveness in addressing single versus multi-hazard scenarios,
- 3) apply the learnings from case studies and interactive activities to develop strategies for their own communities or contexts, and
- 4) network with other participants for potential partnerships on fostering multi-hazard resilience.

Detailed Session plan :

ESTIMATED TIMING	ITEM DESCRIPTION / ROLE	SPEAKERS	SPEAKERS STATUS (OK OR TBC)
5 min	Opening Remarks	Session Coordinator	Ok
8 min	systematic approach including observation, research and Early Warning for All	A. Fachri Radjab, Indonesian Agency for Meteorology Climatology and Geophysics (BMKG)	OK fachriradjab@gmail.com
8 min	Japanese government's flood control policy and adaptation measures	FUKUWARARI Takashi, Deputy Director, International Centre for Water Hazard and Risk Management (ICHARM) under the auspices of UNESCO	OK fukuwatari-t573co@pwri.go.jp
8 min	Flood management and multi-hazard approach in China	Guoqing Wang, Deputy Chief Engineer, Nanjing Hydraulic Research Institute (NHRI), China	OK gqwang@nhri.cn
8 min	EU Floods Directive and Flood Risk Management Plans, Drought Management Plans, European/Global Drought Observatory and EU Strategy on Adaptation to Climate Change	Dagmar BEHRENDT KALJARIKOVA, Director General Florika FINK-HOOIJER	OK Dagmar.KALJARIKOVA@ec.europa.eu
8 min	Integrating shallow groundwater into Climate Resilience: A Case Study of Cyclone Gabrielle in Auckland, New Zealand	Alice Tilley (BSc, MSc Oxon), UNESCO Groundwater Youth Network	OK alice.tilley11@gmail.com
8 min	Diverse strategies in climate-resilient sanitation	Claire Meyer, iDE (International Development Enterprises)	OK cmeyer@ideglobal.org
32 min.	Panel Discussion	Moderated by Session Coordinator	30min.
5 min.	Summary and closing remarks	Session Coordinator	8min.