



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:

CC11. Water-related disaster risk reduction under climate change towards transforming to a resilient, sustainable, and inclusive society

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

Dr. Toshio Koike, Executive Director, ICHARM, Japan, koike@icharm.org, +81-(0)29-879-1233

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

The frequency and intensity of extreme flood and drought events are continually increasing under climate change, posing significant challenges to human society and ecosystems. Floods and droughts have severe impacts on water resources, water supply systems, sewerage and non-sewerage sanitation and wastewater systems, drainage systems, agriculture, urban planning, and socio-economic stability; and cannot be addressed individually. If flood risk reduction measures are designed without keeping droughts in mind, they have the potential to increase drought risk, and vice versa. Prolonged periods of droughts can significantly reduce the awareness of flood risk (and vice versa) among decision makers, policy makers, stakeholders and communities, decreasing the resilience to floods. Therefore, flood and drought risk management should be carried out in an holistic way.

This session aims to provide a platform for communication and cooperation: to improve understanding of the interactions between floods and droughts under a changing climate; to share effective tools and methodologies for holistic quantification of flood and drought risks; to explore effective multi-risk strategies for adaptation to these extreme weather events; to reduce the impact to water infrastructure and society; and to avoid loss of critical water and sanitation services. In this session, we will jointly explore methods and strategies for coping with and adapting to extreme floods and droughts under climate change in a holistic way, including emergency response planning, disaster preparedness, Eco-DRR, and early warning systems (EWS).

Detailed HLP Session plan:

ESTIMATED TIMING	ITEM DESCRIPTION / ROLE	SPEAKERS	SPEAKERS STATUS (OK OR TBC)
5min	Introduction	Session Coordinator	
8min.	Presentation : Water and Poverty	Mr. Leon Vin, The University of Tokyo, youth, Indonesia	OK
8min.	Presentation : Water and Sanitation for All	Ms. Catarina de Albuquerque, Sanitation and Water for All (SWA)	OK
8min.	Presentation : Water and Food	Ms. Eva Pek, Food and Agriculture Organization (FAO)	OK
8min.	Presentation : Water and Peace	Geneva Water Hub, Switzerland	TBC
8min.	Presentation : Water, Disasters, Climate Change and Society	Mr. MIYAMOTO Mamoru, International Centre for Water Hazard and Risk Management (ICHARM), Japan	OK
30min.	Panel Discussion	Mr. HIROKI Kenzo, High-Level Experts and Leaders Panel on Water and Disasters (HELP)	OK



7min.	Summary and closing remarks	Session Coordinator	
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