



++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:

T3E1. Early Warnings for All (EW4All): Learning from transversal cases

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

Renaud Hostache, Institut de Recherche pour le Développement (IRD),
France, renaud.hostache@ird.fr

Stine Dybkjaer, Ramboll, Denmark, stdy@ramboll.com

Yoichi Iwami, Executive Director, Foundation of River & Basin Integrated
Communications (FRICS), Japan, y-iwami@river.or.jp

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

This session focuses on recent progresses and advances in the implementation of Early Warnings for All (EW4All) through showcasing concrete practices from various real-world cases with different conditions. With climate change leading to more extreme weather conditions, the need for early warning systems is more crucial than ever. The session will discuss lessons learned, challenges ahead and key success points regarding EWS and showcase key aspects to accelerate EW4ALL.

The objectives of the session are:

- Share and discuss transversal EWS case studies and key enablers for successful implementation.
- Understand the importance of reaching everyone, everywhere, including the most marginalized.
- Understand the challenges and opportunities of EWS.

First, opening remarks will be given by the World Metrological Organization (WMO) introducing the background of EW4All.

Then, inviting the following three topics' speakers to present case studies from various regions and contexts with different features to share good practices and lessons learned from EWS implementation.

- 1) A warning system against heavy flood, Morocco
- 2) A support system for municipalities for flood evacuation in short lead time, Japan
- 3) An early warning mechanism for marine ecosystem

Finally, a panel discussion will be facilitated with participation of all speakers and a summary of key take-aways for effective EWS implementation will be presented. Floor participants are invited to participate in the discussion and ask questions to the speakers.

Detailed Session plan:

ESTIMATED TIMING	ITEM DESCRIPTION / ROLE	SPEAKERS	SPEAKERS STATUS (OK OR TBC)
5 minutes	Introduction	Celeste Saulo, Secretary General of WMO	confirmed; Stefan Uhlenbrook (Director Hydrology of WMO) is the back-up
20 minutes (15 minutes presentation and 5 minutes Q&A)	Case report 1 (FMWS in the Guir-Ziz-Rheris basin, Morocco)	Ayoub SADOUK, BZR Hydraulic Basin Agency, Morocco (male)	TBC
20 minutes (the same as above)	Case report 2 (IDR4M installed in river basins, Japan)	Yoichi Iwami, FRICS, Japan (male)	TBC
20 minutes (the same as above)	Case report 3 (EWS for marine ecosystem management)	Veronica Relano, University of Santiago de Compostela, Spain (female)	TBC
25 minutes	Summary and panel discussion (additional Q&A) to identify challenges and suggestions of the session	All participants facilitated by Renaud Hostache, IRD, France	OK