



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:

T1A1 - How to implement IWRM for sustainable development in the context of a changing climate

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

Session coordinator and moderator:

Name: Alice Tilley
Position: President of the UNESCO Groundwater Youth Network
Organisation: UNESCO Groundwater Youth Network
Email: alice.tilley11@gmail.com
Mobile number: +64 21 222 66 10

Youth rapporteur: assistance to assign rapporteur required. (possible member of the UNESCO Groundwater Youth Network (TBC))

Senior rapporteur: assistance to assign rapporteur required.

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

Key words: IWRM, integrated approaches, water balance (surface and groundwater), stakeholder engagement, adaptive strategies, climate change

Key objectives: Explore the complex nature of IWRM for sustainable development through

1. integrated approaches
2. accurate water balances
3. Stakeholders' engagement and cooperation for effective water governance specifically role of education
4. adaptive strategies for droughts and floods
5. transboundary cooperation between different water users.

Purpose of the session: An interactive, balanced discussion using real life case studies to explore IWRM for sustainable development in the context of a changing climate. This will be achieved through

1. An 8 minute presentation from five selected speakers on their key topics as identified in the EOI form.

Depending on the number of people in attendance, the session moderator will either opt for Option A or Option B as follows:

Option A:

If there are more than 20 people attending, they will be broken into 3 groups and asked to come up with a solution to one scenario (this will be provided) using the techniques and tools you have described in your talk.

The purpose of this is to facilitate discussion and foster collaboration between attendees. See Expected outcomes below.

Option B*:

If there are less than 20 people in the room, a set of questions will be provided by the moderator to ask the panelists. This will facilitate additional dialogue between the panellists and those attending the session.

**please note: the speakers are aware of Option A and B and will provided with the scenarios and questions by 13 May*

Expected outcomes:

1. Informative session from a balanced panel (Government, Private, Academia)
2. To explore different types of knowledge
3. Consider different ways of adapting to climate change
4. Establish relationships between participants

Internal logistics and resources required:

1. Projector that a computer can be plugged into and a Powerpoint (Microsoft) presentation displayed.
2. Microphone (x2. One for speakers and one for moderator)
3. Multiple pens and x10 A3 sheets of paper

Proposed logistics for speakers:

1. *Speakers to send presentation to session coordinator (Alice) by 13 May*

Special requests:

1. *Youth and Senior Rapporteur is required*



Detailed Session plan : *F/M indicates Female or Male

ESTIMATED TIMING	ITEM DESCRIPTION / ROLE	SPEAKERS	COUNTRY	SPEAKERS STATUS (OK OR TBC)
5 minutes	Welcome and purpose of session by the moderator	Alice Tilley (F*)	New Zealand	Confirmed
8 minutes	The importance of the IWRM for improving water management in the transboundary context and for developing adaptive strategies to mitigate the negative effects of climate change. I will elaborate on the challenges in the Euphrates-Tigris basin and how the IWRM can help address those challenges through transboundary cooperation.	Adnan Altay Altinors (M*) Head of Department, Transboundary Waters and Climate Change Ministry of Foreign Affairs of the Republic of Türkiye	Turkey	Confirmed
8 minutes	Title of Speech: “Promoting the Use of Non-conventional Water Resources on the Regional Scale”	Professor Dr. Mahmoud Abu-Zeid (M*) President of the Arab Water Council and Former Minister of Water Resources and Irrigation of Egypt	Egypt	Confirmed
8 minutes	The most important instruments of IWRM in Spain are the River Basin Management Plans (RBMPs), a process led by River Basin Authorities under a solid legal framework which include a wide participatory and consultive process with all stakeholders. RBMPs have a double objective of: a) allocating water to users under the existing legal framework, and b) achieving good status or waterbodies. The speaker will explain how Spanish RBMPs address these double objectives, in particular in a context of competing demands and water scarcity, by: taking into account the balance between natural and available mix of resources (i.e surface and groundwaters, transfers, water reuse and desalination), the criteria for allocation in a	Marc García Manzana (M*) <i>Water Commissioner. Júcar Basin Authority</i>	Spain	Confirmed



	context of increasing pressures including climate change, the criteria for setting environmental objectives and the different participatory process at basin level.			
8 minutes	Hydrological modelling has entered a new Era with hyper-resolution physically based integrated hydrology models and the use of machine learning to mimic their behavior. Illustrated with various examples from several continents the presentation will present new opportunities for applying these scientific advances to decision making.	Professor Reed M.Maxwell (M*) Prof. at Princeton University, New Jersey, USA	USA	Confirmed
8 minutes	Large-scale disasters such as earthquakes, damage due to facility aging, and severe droughts from climate change have a large impact on water resources in Japan. For preparing a new National Water Resources Plan which responds to such current issues, Japan has decided the drastic policy shift from the conventional “demand-driven” water resources development to a “risk management-based” water resources management.	Toshio Okazumi (M*) Executive Officer/Senior Chief Engineer, TOKEN C.E.E. Consultants Co., Ltd.	Japan	Confirmed
40 minutes INTERACTIVE	Option A or Option B (see notes above)	Both options provide chance for audience to integrate with the speakers/panelists		Moderated by Alice.
5 minutes	2-3 clear messages communicated (see expected outcomes above)	Alice Tilley (F*)	New Zealand	Confirmed