



## SESSION DESCRIPTION FORM 2.

### 10<sup>TH</sup> WORLD WATER FORUM

#### Procedure for submission

By 28 February 2024, here are the two forms that must be submitted:

- The Session Program Form that you will find here below (submission in Word format only).  
m.khemiri@worldwatercouncil.org, [thematic@worldwaterforum.org](mailto:thematic@worldwaterforum.org).  
Copies: [secretariat@inbo-news.org](mailto:secretariat@inbo-news.org), [Juliette.LASSMAN@oecd.org](mailto:Juliette.LASSMAN@oecd.org)
- The Session Logistics Form via the [dedicated online form](#). A Word format is available and shared in the Word document entitled “Session Logistics Form.docx” to facilitate offline completion before online submission.

***The Session Program Form must be completed and returned by email to the World Water Council 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:

T2E2

Conjunctive and integrated management of surface and groundwater resources: quality and sustainable use

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

**Nathalie DÖRFLIGER**, Watershed Sciences and Stewardship Director/ Chairwoman, Danone & UNESCO IHP French national Committee & Danone Water in Operations  
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**Muhammed Imran KULAT**, Deputy Head of Foreign Relations, General Directorate of DSI State Hydraulic Works in Turkey, [imrankulat@gmail.com](mailto:imrankulat@gmail.com); +90 505 025 9733  
Texas A&M University, College Station TX, USA and American University of Beirut, Lebanon  
**Rabi H. Mohtar**, Professor, [Rabi.Mohtar@ag.tamu.edu](mailto:Rabi.Mohtar@ag.tamu.edu); +1 979.314.8258

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

More than half of the world population and a large number of socio-economic activities (in particular agriculture) depend on groundwater which is under increasing pressure (withdrawals and pollution). This strategic resource must therefore be managed carefully, sustainably and as rationally as possible, in order to be able to support the necessary economic and societal changes, while maintaining or improving the living conditions of water users.

But the “out of sight, out of mind” mindset still is largely applicable to groundwater, and rare are the organizations that manage in a conjunctive and integrated manner surface water and groundwater. Sustainable groundwater management and governance request to rely on data and information, at various scales, national to local. Conventional water data in some countries are scarce, due to cost and lack of knowledge. Stakeholders participation or “citizen science” initiatives can promote inclusion of local knowledge. Solutions to address remaining challenges regarding data and information such as ownership, financing, accessibility, quality, etc. in different countries and scales will be presented.

This session explores sustainable conjunctive and integrated surface and ground water, as well the quality issues of groundwater, the Management Aquifer Recharge and non-conventional water use, whose development is increasing.

It will highlight the interest of Integrated Water Resources Management (IWRM) at basin level to ensure a conjunctive management of water from rivers, lakes and groundwater and, ultimately, to achieve the Sustainable Development Goals related to water.

**Detailed Session plan :**

ESTIMATED TIMING	ITEM DESCRIPTION / ROLE	SPEAKERS	SPEAKERS STATUS (OK OR TBC)
5 min	Introduction Opening	<b>Muhammed Imran KULAT</b> , Deputy Head of Foreign Relations, General Directorate of DSI State Hydraulic Works in Turkey,	OK
	Moderation	Nathalie Dörfliger Watershed sciences and stewardship director, DANONE and chairwoman of French national committee of IHP UNESCO	OK
15 min	Keynote speaker	Mr. Abou Amani, Director of the Division of Water Sciences & Secretary of the Intergovernmental Hydrological Program of UNESCO (UNESCO-IHP)	OK
10 min	Panelists	Dr Rachmat Fajar Lubis, BRIN, Indonesia and Ratih Anggraeni, Danone Indonesia, GS Sustainability	Ok
7 min	Panelist	Spanish delegate to speak for Mediterranean Network of Basin organizations Spain	OK [identification of name of person of the Spanish deldgation on going]
7 min	Panelist	Dr Ayhan Kocbay, head of geotechnical department, General Directorate of State Hydraulic Works, Turkey	Ok
5 min	Q & A		
7 min	Panelist	Didier Cadelli (intervention manager of Enabel) or Katrien Van Hooydonk (VITO), Tanganyika lake Authority	Ok
7 min	Panelist	Gaurani Aquifer and CIC Plata, UNESCO Montevideo (one country representative)	TBC
7min	Panelist	Dr Ahmad Taufiq, Ministry of Public works, Indonesia	OK
7 min	Panelist	Youth GW UNESCO network outcomes of gw monitoring survey	TBC
7 min	Q & A		
5 min	Conclusion	Prof Rabi Mohtar, Texas A&M University, USA	Ok