



## SESSION DESCRIPTION FORM 2.

### 10<sup>TH</sup> 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:**

T3B2 - Technologies, financing, stakeholders, and regional cooperation for drought prevention and management

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

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

A wide variety of instruments and measures can be used to mitigate the impacts of drought, but they act at different scales and timelines and involve different resources. To find the best strategies for evidence-based drought management, needs must be mapped out from micro to macro scales and matched with the existing resources by making maximum use of scientific monitoring and forecasting. Understanding technology needs and required financing can help delineate the needs. On the other hand, stakeholders and cooperation forms can inform about the availability of resources. The session will discuss the cycle of these four interrelated aspects that are crucial for facilitating resilience-building to drought by stimulating the demand and supply sides.

The multifaceted and cascading impacts of drought require a combination of mitigation measures. Much of the impacts can be neutralized directly by households, while others call for large-scale and coordinated investment. Based on scientific understanding, technology needs assessment is an effective instrument to understand the nature and the scale of investment. Properly conducted technology needs assessment can also define which financial instruments and sources are the most appropriate and, more importantly, whether the private sector can be included in the financing. To this end, the session will start off by investigating how technology needs assessment can help estimate the financial needs for resilience-building.

Building on the identification of technology, thus financial needs, available resources can be understood if all stakeholders are involved. Drought awareness and understanding of drought remain partial and often circumstantial. To address this issue and in line with global efforts, functional cooperation must be established to take stock of the available resources and identify the gaps. The session will provide an inventory of stakeholders, including academia, private and public stakeholders, and forms of cooperation that can pool the necessary resources.

The objective of the session is to discuss how the identification of drought-related technologies, the corresponding financing and collaboration can be integrated into one holistic cycle towards the more intensified implementation of drought resilience measures. The session will present the perspective of the

private sector, academia, financiers and public entities to understand how drought-related technologies can be identified and made marketable, and what financial channels can be used for such technologies. The session will then showcase how partnerships, from broader collaboration to direct stakeholder engagement, can enhance technology transfer and resource mobilization at all levels. The session will involve an interactive panel discussion, with the participation of the audience.

**Detailed Session plan:**

ESTIMATED TIMING	ITEM DESCRIPTION / ROLE	SPEAKERS	SPEAKERS STATUS
5 min	Opening remarks	Lifeng Li, FAO	Confirmed
10 min	Keynote: financing technology-based mitigation measures	Maher Salman, Food and Agriculture Organization (FAO)	Confirmed
10 min	Investment in drought risk management: the social and private profitability of financing drought resilience	Nizar Zaied, Islamic Development Bank	Confirmed
10 min	Technologies on the market: the role of private sector in drought resilience	Tom D'Haeyer, Antea Group	Confirmed
10 min	Science-led improvement of drought risk mitigation: the role of research in technology development	Hiroyuki Tsutsui, International Centre for Water Hazard and Risk Management (ICHARM)	Confirmed
10 min	Cooperation on drought resilience: building the community of practice at all levels	Biljana Kilibarda, Chair of the Committee for the Review of the Implementation of the Convention, United Nations Convention to Combat Desertification	Confirmed
10 min	Stakeholders' engagement for technology transfer and resource mobilization	Eva Pek, Food and Agriculture Organization	Confirmed
15 min	Moderated panel discussion with questions from the audience		
7 min	Interaction with audience		
3 min	Closure		