



SIDE EVENT DESCRIPTION FORM 2.

10TH WORLD WATER FORUM

This Session Description 2 is for the specified program of the side event. Please complete this form no later than 22nd of April 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:

Advancing scientific research solutions in water resources management to support the food security in Mediterranean region. Challenges and perspectives collaboration.

Side Event Coordinators (Name, Position, Organization, email, mobile number):

Session coordinator and moderator: Session coordinator and moderator:

DrRicha Amina

Coordinator and moderator, University of Khemis-Miliana, a.richa@univ-dbkm.dz

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DrTouil Sami

Coordinator and moderator, University of Khemis-Miliana, s.touil@univ-dbkm.dz

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

Effective management of water resources is recognized as a key element of ecologically sustainable development. Several research activities focused on this topic in the food security approach within the Mediterranean areas. Moreover, the innovative outcomes will support the food security challenges and anticipated the solutions in practices, linked the food system with water management, ecosystem services and healthy diets.

Climate changes and the extreme weather conditions influence the water resources, natural environment and socio-economic development. According to a study by the World Resources Institute, under the pressure of a growing population more than 50% of Mediterranean countries will be classified at a very high level of water stress in 2030. The environmental, social and economic sustainability of these areas is essential to combat the effects of climate change and promote policies ensuring food security. This resource is under pressure from many agents and sectors, mainly the overexploitation of fresh water resources, population growth, urbanization, industrialization and climate change. Effective management of water resources is recognized as a key element of ecologically sustainable development. Several research activities focused on this topic in the food security approach within the Mediterranean areas. Moreover, this outcomes will support the food security challenges and anticipated the solutions in practices, linked the food system with water management, ecosystem services and healthy diets.

The scope of the side events comes from the assumption that barriers to water use efficiency are not only due to lack of knowledge and awareness about water treatment technologies and the results of research projects on the management of water resources, but also the absence of interfaces and credible tools to access solutions, in a form that

best corresponds to the needs of users and water resource managers.

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

ESTIMATED TIMING	ITEM DESCRIPTION / ROLE	SPEAKERS	SPEAKERS STATUS (OK OR TBC)
15	Challenges and prospects for collaboration to promote scientific research for water management in the context of climate change. /moderator	DrRicha Amina (F) University	OK
15	Advancing scientific research solutions in water resources management to support the food security in mediterranean region. /moderator	DrTouil Sami (M) University	OK
15	The environmental, social and economic sustainability of semi-arid n arid areas is essential to combat the effects of climate change/Speaker	DrSeddiki Lamia (F)/ NGO	OK
15	Evolution of foggaras and their technical and legal conditions	BoutadaraYoucef (M) NGO	OK
15	Promotion of indigenous knowledge systems for efficient and sustainable water management	Filali Ahmed (M) NGO	OK

Additional information:

Session length (One slot session lasts 90 minutes)90 minutes

Expected number of participants 50 Roundtable

Interpretation (translated required into English language)

Additional requirements

Audio and video facilities, recording, materials (1 computer, 1 Video Projector, 1 Screen, 2 Microphones, 1 Staff)

- *Different stakeholders involved in this forum can assist in this side-event to debate this thematic.*