



NEWS RELEASE

Athens, 31 July 2018

Monitoring Droughts for Optimum Management of Water Resources in Jordan

A 4-day Training on Drought Monitoring and Early Warning System in Amman-Zarqa Basin was organized by the EU-funded SWIM and Horizon 2020 Support Mechanism, on 23-26 July 2018 in Amman, Jordan.

Representatives of the Ministry of Water and Irrigation, who are directly involved in drought management/ water resources management and planning, hydrological and water balance modeling were able to improve their existing drought monitoring practices, run the Drought Monitoring System (DMS) and calculate the drought indicators in other basins/areas.

By the completion of this Training in Amman-Zarqa Basin, the participants gained specific skills for the: hydrological/meteorological data processing and the on-drought monitoring indices such as rainfall, potential evapotranspiration, surface water flows and spring discharge; the computation of the most widely used drought indices and the freeware mathematical modelling regarding drought indices; the drought hazard mapping and the water budget mathematical modelling to compute soil moisture that is vital to sustain agricultural production.

Finally, the water experts had the opportunity to enhance their knowledge on Drought Early Warning Systems regarding short-term warning within a given hydrologic year by considering only rainfall values from the onset of the wet period of the hydrologic year.

Two (2) Trainings on Drought Risk Management have already been organized by the Project's water experts this year, in Jordan and a similar one is planned for September 2018.

All 3 Trainings, were planned to support and contribute to the National Water Strategy (NWSS 2016-2025) in order to address drought management in Jordan.

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Sustainable Water Integrated Management and Horizon 2020 Support Mechanism

Working for a Sustainable Mediterranean, Caring for our Future.

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The civil society component of SWIM-H2020 SM is facilitated by the UfM labelled BlueGreen project and network.

SWIM and Horizon 2020 Support Mechanism Project

The **SWIM-H2020 SM EU-funded Project** aims to contribute to the sustainable use of scarce water resources and properly manage municipal waste, industrial emissions and waste water, and therefore enhance, directly and indirectly, resilience to climate variability and change in the entire region with emphasis on the countries of North Africa and the Middle East (Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine, [Syria] and Tunisia).

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