



“Mainstreaming Drought Risk Management, with a focus on proactive measures”

Expert Facility Activity No: EFS-JO-1

WORKSHOP CONCEPT NOTE AND PROGRAM

Consultation Workshop “Roadmap for developing a Drought Risk Management Plan in the Amman-Zarqa catchment”

28 November 2018
Venue: Ayaas hotel
Amman - Jordan

1. CONTEXT

Within the scope of the EFS-JO-1: “Mainstreaming Drought Risk Management, with a focus on proactive measures” the EU-funded project “Sustainable Water Integrated Management & Horizon 2020 - Support Mechanism (SWIM-H2020 SM)”, in cooperation with the Ministry of Water and Irrigation (MWI) is conducting a one-day Consultation Workshop to discuss and define, through a participatory approach with the stakeholders, the methodological steps and actions to be followed towards developing a Drought Risk Management Plan (DRMP) for the Amman-Zarqa catchment (Roadmap).

2. INTRODUCTION

Jordan has prepared a National Water Sector Strategy (NWSS) (2016-2025) which refers to the need to address drought management and adaptation to climate change through proper policies and regulations. The Water Reallocation Policy calls for launching awareness campaigns addressing the importance of issues such as water harvesting, conserving and protecting resources, while the Water Substitution and Reuse Policy proposes the reuse of treated wastewater in irrigation, in order to enable freeing fresh water to be utilized for municipal uses. Under this context, activities related to drought risk management mainstreaming are highly relevant to the Country’s Strategic Framework.



During 2013, under the framework of the SWIM-SM project, a regional assessment¹ of past drought and flood events in the SWIM partner countries was undertaken in 2013, incorporating also a detailed analysis of the prevailing drought management practices and response actions implemented in Jordan. The main finding of the assessment for Jordan, in terms of drought risk management, indicated a weak institutional setting, scattered efforts, inadequate infrastructure, and lack of dedicated budget to disaster response. Additionally, the lack of a proper legal framework, clear mandates and coordination mechanisms impedes the implementation of coherent and proactive drought risk management. In view of these findings, activities targeting the strengthening of the current drought management approach in Jordan, be it related to the identification of vulnerability and risk, the incorporation of prevention, mitigation and preparedness measures, or the integration of drought risk management into existing frameworks are of paramount importance. Under this context, the current SWIM-H2020 SM specific activity EFS-JO-1: “Mainstreaming Drought Risk Management, with a focus on proactive measures” aims to support the country in enhancing preparedness and response to drought-related natural disasters and boost the resilience in the water sector through a series of interrelated activities on drought hazard and vulnerability characterization and drought risk management mainstreaming.

3. SCOPE AND OBJECTIVES

The objective of this Consultation Workshop is twofold:

- (a) Disseminate to and get feedback from the stakeholders on the drought-related products developed by SWIM-H2020 SM for the Amman-Zarqa catchment within the scope of this activity, namely the Drought Hazard Indicators, the Drought Vulnerability Indicator, and the WEAP21 Water Resources Management model developed for the Amman-Zarqa catchment
- (b) Define, through a participatory approach with the stakeholders, the methodological steps and actions to be followed towards developing a Drought Risk Management Plan (DRMP) for the Amman-Zarqa catchment (Roadmap). Furthermore, the discussion will aim to define targets (based on the drought hazard and vulnerability outputs), proactive measures for drought risk management across different sectors, actions and roles, entry points for mainstreaming the DRMP, synergies with other sectors and policies, etc.

The draft Agenda is provided below.

¹ Taha, S., Rabi, A., Touzi, S. 2014. Regional assessment of past drought & flood episodes and their management in selected SWIM-SM PCS (Tunisia, Jordan and Palestine). SWIM-SM Report, WP1, Water Governance and Mainstreaming, Activity 1.3.3.1, February 2014 (*accessed 28.03.2016*)



4. TARGET AUDIENCE

The following audience is targeted at:

- Authorities involved in drought monitoring and management in the Amman-Zarqa catchment
- Water managers and planners at the Ministry of Water and Irrigation (MWI), the , the Jordan Valley Authority (JVA), Water Authority of Jordan (WAJ) (Ex: (WAJ water operation and management department, WAJ treated wastewater reuse department, groundwater basins department), the Ministry of Agriculture (MOA), the Drought Monitoring Unit (DMU), etc.)
- Policy, decision-makers and strategy-developers involved in drought risk management
- Highland water Forum, Water Utilities

The target number of participants in the workshop is up to 20 persons.

5. METHODOLOGY AND STRUCTURE OF THE WORKSHOP

The workshop is structured in three parts:

Part 1:

- Presentation of the Drought Hazard Indicators, the Drought Vulnerability Indicator, and the WEAP21 Water Resources Management model developed for the Amman-Zarqa catchment by the SWIM-H2020 SM project team
- Feedback from the stakeholders, interactive discussion

Part 2:

- Presentation of the main steps in developing Drought Risk Management Plans
- Participatory discussion with the stakeholders in order to establish a Roadmap towards the development of a Drought Risk Management Plans (DRMP) for the Amman-Zarqa catchment

Electronic copies of the presentations will be prepared and provided to all participants.

The language of the workshop course will be English.



6. RESOURCE PERSONS

- Eng. Mr. Ali M. Subah, Secretary General, Ministry of Water and Irrigation (MWI), SWIM National Focal Point. Email: Ali_Subah@mwi.gov.jo
- Eng. Mr. Adel Y. Alobeiaat, Acting Director of policies and strategic planning at Ministry of water and irrigation. Email: Adel_Alobeiaat@mwi.gov.jo
- Dr. Maggie Kossida, SWIM-H2020 international non-key expert on Drought Vulnerability. Email: maggie@ldksa.gr
- Mr. Demetris Zarris, SWIM-H2020 international non-key expert on Drought Hazard. Email: dez@ldksa.gr
- Eng. Mr. Saleh Al Qura'n, SWIM-H2020 international non-key expert on WEAP. Email: sa.alquraan@gmail.com

7. OUTCOMES OF THE WORKSHOP

- Participants will have an improved understanding of the water resources state in the Amman-Zarqa catchment and the relevant drought hazard and vulnerability components.
- Initiation (and first results) of a participatory approach with stakeholders towards the development of a Drought Risk Management Plan (DRMP) in the Amman-Zarqa pilot catchment (i.e. definition of targets, preliminary list of proactive measures, definition of actions and roles, identification of entry points for mainstreaming drought risk management, synergies with other sectors and policies, etc.)
- Participants will gain insight on how to implement participatory processes in drought risk management.
- Roadmap for the development of the Amman-Zarqa pilot catchment DRMP.



8. WORKSHOP AGENDA

SWIM-H2020 SM Consultation Workshop “Roadmap for developing a Drought Risk Management Plan in the Amman-Zarqa catchment”

Venue: Ayass Hotel

Wednesday, November 28th, 2018

Item	Time	Description	Speaker
	10:00 – 10:15	Registration	
#1	10:15 – 10:35	<ul style="list-style-type: none"> - Welcome remarks - Presentation of the workshop objectives and agenda - Tour de table (introduction of the participants) 	<ul style="list-style-type: none"> - Eng. Ali M. Subah, Secretary General, Ministry of Water and Irrigation (MWI), SWIM National Focal Point - Dr. Maggie Kossida (SWIM-H2020 Non-key Expert)
#2	10:35 – 11:15 (20mins presentation + 20mins discussion)	<ul style="list-style-type: none"> - Drought Hazard analysis in the Amman-Zarqa catchment (presentation) - Feedback and discussion with the stakeholders 	<ul style="list-style-type: none"> - Mr. Demetris Zarris (SWIM-H2020 Non-key Expert) - All participants
	11:15 - 11:30	Coffee Break	
#3	11:30 – 12:05 (20mins presentation + 15mins discussion)	<ul style="list-style-type: none"> - The WEAP21 Water Resources Management model of the Amman-Zarqa catchment - Feedback and discussion with the stakeholders 	<ul style="list-style-type: none"> - Eng. Mr. Saleh Al Qura'n (SWIM-H2020 Non-key Expert) - All participants
#4	12:05 – 12:45 (20mins presentation + 20mins discussion)	<ul style="list-style-type: none"> - Drought Vulnerability analysis in the Amman-Zarqa catchment - Feedback and discussion with the stakeholders 	<ul style="list-style-type: none"> - Maggie Kossida (SWIM-H2020 Non-key Expert) - All participants
#5	12:45 – 13:00	Methodological steps in developing Drought Risk Management Plans (presentation)	- Maggie Kossida (SWIM-H2020 Non-key Expert)
	13:00 - 13:45	Lunch Break (light buffet lunch)	
#6	13:45 – 15:45	Roadmap for the development of a Drought Risk Management Plan (DRMP) in the Amman-Zarqa catchment Participatory discussion with all participants	All participants Facilitator: Maggie Kossida Rapporteur: Demetris Zarris
#7	15:45 – 16:00	Wrap-up and next steps Workshop Evaluation (Questionnaires)	Maggie Kossida (SWIM-H2020 Non-key Expert)