



Hashemite Kingdom of Jordan



MINISTRY OF
WATER AND IRRIGATION



**Second Learning Workshop for
GEF MENARID Project Managers
“Opportunities for Managed Aquifer Recharge”
11-13 December 2012
&
MENARID Planning Meeting 2013
14 December 2012**

**Amman Alcham Palace Hotel
Shmeisani Street, Amman**

Agenda

Day 1: Tuesday 11 December Introductions and MAR lectures	
Session 1 9:00-10:00	<p>Welcome statement – Holger Treidel (UNESCO-IHP) Welcome statement – H.E. Basem Telfah (Ministry of Water and Irrigation of Jordan) Welcome statements - Kamel Shideed and Aden Aw-Hassan (ICARDA)</p> <p>Workshop objectives, agenda and presentation of GEF IW LEARN Project – Lucilla Minelli (UNESCO-IHP)</p> <p>- Round of self-introductions</p> <p><i>Rapporteur: Roberto Telleria (ICARDA)</i></p>
10:00 – 10:30	Coffee break
Session 2 10:30-11:30	<p>General introduction on the impacts of both, climate change and human activities on groundwater resources in the MENA region. Lecturer: Holger Treidel (UNESCO-IHP)</p> <p>MAR techniques and examples successfully applied in light of climate change adaptation: Case study in Morocco Lecturer: Lhoussaine Bouchaou (Ibn Zohr University of Agadir)</p>
Session 3 11:30 – 13:00	<p>MAR as linking pin between land and water management: Types of MAR, history of development, practical examples worldwide, link between land and water management and reuse of water, consequences for water governance issues Lecturer: Ebel Smidt (IGRAC- Delft University of Technology-SG Services)</p> <p>Q&A with participants</p>
13:00 – 14:30	Lunch Break
Session 4 14:30 – 16:00	<p>BGR-MWI Study on MAR Lecturer: Tobias El-Fahem (BGR)</p> <p>MAR in the MENARID countries: actual situation and potential. View from the Jordanian Valley Authority Lecturer: Elias Salameh (University of Jordan)</p> <p>Q&A with participants</p>
16:00 – 16:30	Coffee Break
Session 5 16:30 – 18:00	<p>Practical design workshop: Material will be provided for a number of case situations and the participants can discuss a design for each case in groups of 3-4 persons. For each case a group will present its design and the others comment. Lecturers: Ebel Smidt (IGRAC) and Elias Salameh (University of Jordan)</p>

Day 2: Wednesday 12 December
FIELD TRIP to MAR site: Wala dam in Madaba Governarate
Guiding Experts: Elias Salameh and Ali Sawarieh



Day 3: Thursday 13 December

Presentations of MENARID PMs, Partners and MENARID Platform

Session 6 9:00-10:30	<p>Presentations from MENARID PMs</p> <p>Each presentation will be followed by discussions and comments from MAR experts</p> <ul style="list-style-type: none">- Houshang Jazi, Iran (tbc)- Mamoon AL Adaileh and Khaled HABASHNEH, Jordan- El hassane REJMIL, Morocco- Hichem Lakhdhar, Tunisia- Awatef LARBI MESSAI, Tunisia- Abderrahim BOUTALEB, Morocco <p><i>Facilitator: Lhoussaine Bouchaou</i></p> <p><i>Rapporteurs: Holger Treidel/Lucilla Minelli</i></p>
10:30-11:00	Coffee Break
Session 7 11:00-12:30	<p>Presentations from MENARID PMs (cont.) and Partners</p> <p>Each presentation will be followed by discussions and comments from MAR experts</p> <ul style="list-style-type: none">- Djamel Latrech, OSS/Regional- Bilquis Anwer A. Sattar, Yemen- Hedi Hamrouni / Lamia Jemeli, Tunisia- Mohammad Momani: Nuclear Techniques Application for Determination Artificial Recharge efficiency in Jordan- Aden Aw-Hassan and Roberto Telleria - The Limits of Groundwater Mining in Dry Areas <p><i>Facilitator: Lhoussaine Bouchaou</i></p> <p><i>Rapporteurs: Holger Treidel/Lucilla Minelli</i></p>
12:30 – 14:00	Lunch Break
Session 8 14:00 – 15:00	Wrap-up / conclusions of thematic discussions
15:00 – 15:30	Coffee Break
Session 9 15:30 – 17:30	<p>Presentation of MENARID platform by ICARDA</p> <p>Presenters: Michael Devlin (ICARDA) and Colin Webster (ICARDA)</p> <p><i>Rapporteur: (tbd)</i></p>

Day 4: Friday 14 December	
MENARID Planning meeting for 2103	
Session 10 9:00-10:30	MENARID Planning meeting – topics to be included <ul style="list-style-type: none"> • Review and adoption of minutes • Review of MENARID workshop in Rabat • Partners Brainstorming Session • Impact Assessment Strategy • Introducing new project manager
10:30-11:00	Coffee Break
Session 11 11:00-13:00	<p>Activities planned by country/project</p> <p>Mr Houshang Jazi (tbc) (Iran) Mr. El hassane REJMIL (Morocco) Mr Abderrahim BOUTALEB (Morocco) Mr Hichem Lakhdhar (Tunisia) Mr Djamel Latrech (Tunisia) Ms Awatef LARBI MESSAI (Tunisia) Mr Hedi Hamrouni (Tunisia) Ms Lamia Jemeli (Tunisia) Mr Bilquis Anwer A. Sattar (Yemen) Mr Mamoon AL Adaileh (Jordan) Mr Khaled HABASHNEH (Jordan)</p> <p>Collaborating Institutions: Lucilla Minelli Holger Treidel Aden Aw-Hassan Michael Devlin Colin Webster Roberto Telleria</p> <p>Thematic Break-out Group Discussions. <i>Rapporteur: Hugo Remaury (ICARDA)</i></p>
13:00 – 14:30	Lunch Break
Session 11 (cont.) 14:30 – 17:00	<p>Activities planned by country/project (cont).</p> <p>Closing remarks</p>