

MEWAC-FEMAR project partners in Germany

University of Applied Sciences Dresden

Division of Water Sciences

MEWAC-FEMAR consortium leader:

Prof. Dr.-Ing. Thomas Grischek;

Project investigators: Dr.-Ing. Cornelius Sandhu,

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TU Dresden University of Technology

Institute of Groundwater Management

Project investigators: Dr.-Ing. Thomas Reimann,

Dr.-Ing. Fritz Kalwa



Umweltbüro GmbH Vogtland

Weischlitz

Project investigator: Dr. Carsten Leibenath



MEWAC-FEMAR project partners in Middle East

Royal Scientific Society, Jordan

Advanced Materials & Applications Division,

Emerging Pollutants Research Group

Project investigators: Dr. Othman Almashaqbeh,

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American University of Beirut, Lebanon

Department of Geology

Project investigators: Dr. Joanna Doummar,

Mohamad Karake, Ahmad Ezzeddine



University of Aleppo, Syria

Faculty of Agricultural Engineering

Project investigators:

Prof. Dr. Ahmad Alsheikh Kaddour,

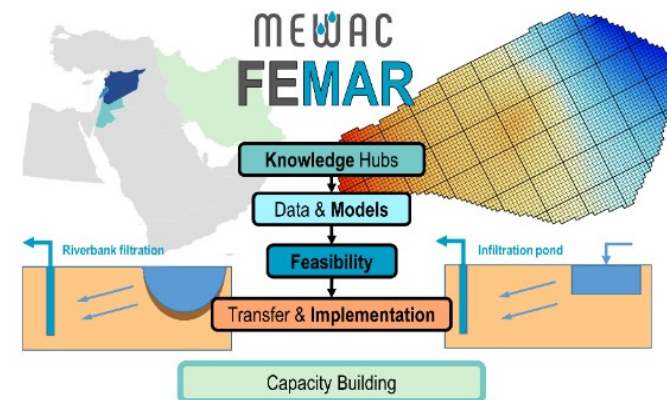
Dr. Faraj Naoum, Dr. Nahed Farhoud



1st announcement – save the date!

Project MEWAC–FEMAR Symposium on Managed Aquifer Recharge in Middle East

19 November 2024, Amman, Jordan



Organised by

Royal Scientific Society, Jordan, and
University of Applied Sciences Dresden, Germany,

in collaboration with MEWAC-FEMAR partners

**MEWAC-FEMAR (project ID 02WME1612) is funded by
the German Federal Ministry of Education & Research
within the Middle East Regional Water Research
Cooperation Program**



Project MEWAC-FEMAR

The increase in water demand and abstraction in many arid Middle Eastern countries is having a negative impact on the region's aquifers, causing a decrease in level and deterioration of quality of groundwater, saltwater intrusion, as well as land subsidence. The overarching aim of the MEWAC-FEMAR consortia (<https://www.htw-dresden.de/femar>) is to contribute to safe water supply and to the conservation of groundwater resources by investigating the feasibility of artificial recharge and the natural water treatment process of riverbank filtration (RBF) as elements of managed aquifer recharge (MAR).

Researchers from Germany, Jordan, Lebanon, and Syria further developed and optimized MAR and RBF techniques to address these problems.

About the symposium – call to action!

The symposium is aimed at researchers, academics, professionals, decision-makers, NGOs, enterprises/service-providers and civil society stakeholders in the field of water resources interested in integrated water resources management (IWRM), MAR/RBF and the water nexus. The objectives are to:

- provide a perspective on MAR/RBF in the Middle East,
- highlight “open-source” model-based systems in context to MAR/RBF and
- present results from regional MAR/RBF case studies or associated/related topics.

Participation, registration and venue

Everyone interested in MAR/RBF – young as well as experienced engineers, students, researchers, scientists, project managers, decision makers are welcome to participate. Participation in the workshop is free of cost but is limited to 35 persons on a first-come first-serve basis. Therefore, prior registration is necessary.

The venue is Hilton Amman, Elia Abu Madi Street, Shmeisani, 11194 Amman, Jordan.

All participants must complete the registration form and send it by email to:

Dr. Othman Almashaqbeh

Head, Emerging Pollutants Research Group
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E: othman.mashaqbeh@rss.jo
T (+962) 6 534 4701 / Ext: 2429
M (+962) 77 953 7058

Registration form

Mr./Ms./Dr./Prof. Name:

Organisation/Institution and department/division:

Email:

Professional status:

Employed / working: YES / NO

PhD researcher / scholar: YES / NO

Student: PG / UG

Course of study:

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I would like to give a presentation on a topic thematically relevant, associated or related to RBF/MAR in the symposium: YES / NO

Title of presentation:

Disclaimer: The participant agrees to the storage and use of personal data for the internal organization of the registration and/or the symposium and to being photographed/videoed for documentation/post-processing of the symposium. The protection of personal data during storage is regulated by the “Personal Data Protection Law No. (24) of 2023 of the Hashemite Kingdom of Jordan and the “Federal Data Protection Act” of Germany.

Signature

Date