



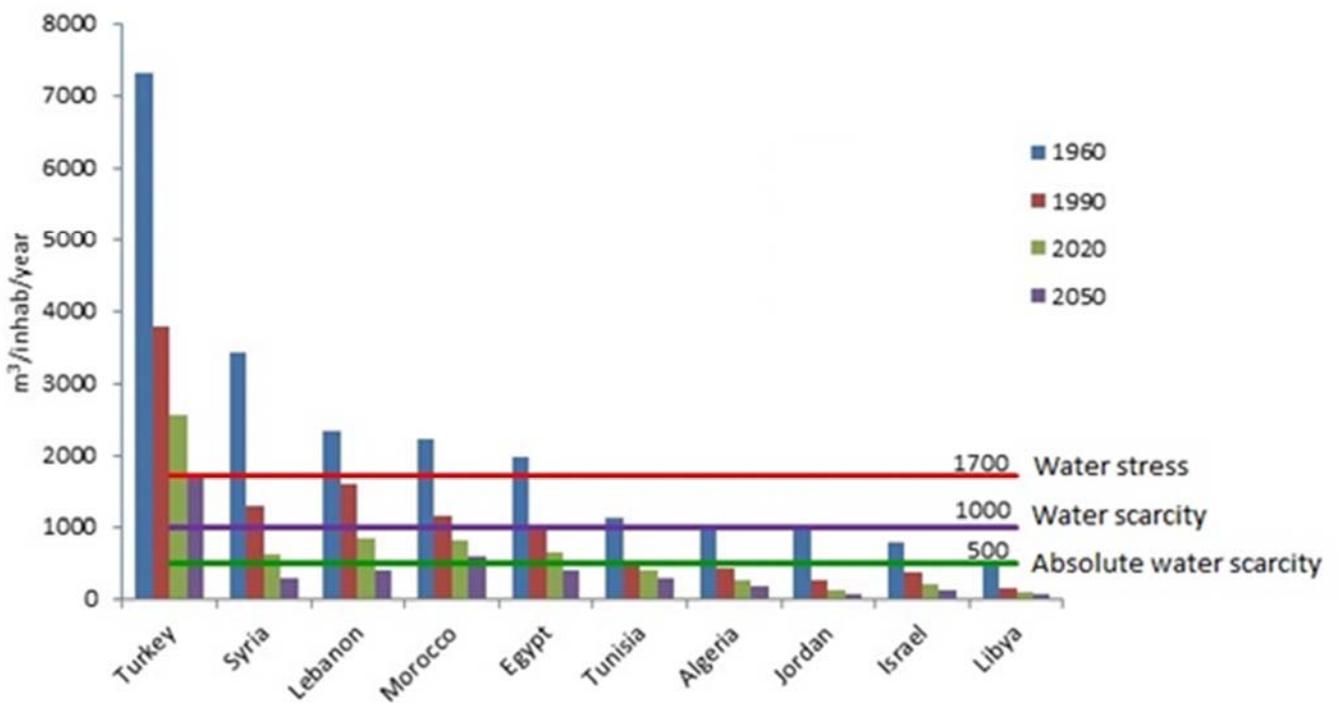
Network
Member of



EXPERT WORKSHOP on Water Challenges in MENA Region 2016-2050

Aqaba, April 24-28, 2016

Jointly organized by
University of Jordan & Mutah University



Funded by



DAAD

Overview

MENA Region is one of the water scarcest regions on earth. In many countries in the Middle East and North Africa Region where lack of water resources is common, water scarcity has become an increasing constraint to their economic development, particularly of agriculture which is the biggest water consumer. Many countries in these regions have been exploiting their non-renewable fossil water to relieve the immediate pressure of water stress, depleting their resource base, and undermining their long-term economic development and food security, with additional consequences for human health and the environment. Disputes over water lead to tension within communities, and unreliable water services are prompting people to migrate in search of better opportunities. Water investments absorb large amounts of public funds, which could often be used more efficiently elsewhere. And the challenge appears likely to escalate.

Besides availability of water the efficiency of usage e.g. in the agriculture, the suitability of chosen plants, yield values etc. plays also an important role in the decision making process. Water footprint methodology can be used as a tool by decision makers to enhance strategic water management plans as well as agricultural policies in water scarce countries.

As the region's population continues to grow, per capita water availability is set to fall by 50 percent by 2050, and most of the countries of the region will face with "absolute water scarcity".

Objectives

The workshop aims to evaluate the options for coping with water scarcity through assessing the water demand and to supply up to the year 2050, taking into account changes in climate, population and economic development.

The outcomes of the workshop will be summarized in a report and shared with decision makers in the partner countries. It will be also available in the regional web site of the network. In addition publications (journal/congress) related to strategic water management plans as well as agricultural policies will be conducted.

Topics

The workshop addresses the following sub-topics:

- Coping with Water Scarcity
 - Water Poverty and Governance
- Integrated Management of water resources
 - Water Demand Management
 - Water supply management
- Water management case studies
 - International & Regional experiences (case studies)
 - Reuse of treated wastewater
 - Desalination
 - Water transfer between watersheds
 - Transboundary water problems
 - Basin management
 - Application of water footprint methodology
 - International Water Trade: Legal View
- Water & Energy
 - Case studies
- Food Security
 - Case studies
- Social & Political Dimensions
 - Case studies
- National Laws and Water Governance
 - Case studies
- Future Challenges towards 2050
 - Impacts of Climate Change
 - Case studies
 - Population and water resources
 - Future water demands
 - Irrigation water demand
 - Industrial water demand
 - Domestic water demand
 - Future water availability
 - Increasing the productivity
 - Expanding supply
 - Reducing demand
 - Water policy
 - Economics of water supply
 - Is Water a Social Good?

Workshop Organization

The workshop will take place in Amman, Jordan. The University of Jordan will host the workshop in collaboration with the Mutah University, Jordan. The workshop is carried out within the framework of the exceed-Swindon project located at the Technical University of Braunschweig, Germany. The project is funded by the German Academic Exchange Services (DAAD).

Funded by



DAAD

SCHEDULE

Day	Date	Time	Activity
1	24.04.2016		ARRIVALS
2	25.04.2016	9.00 – 17.30	Meeting
3	26.04.2016	9.00 - 17.30	Meeting
4	27.04.2016	9.00 – 17.30	Excursion & Regional Meeting
5	28.04.2016		DEPARTURES

Target Audience:

Water engineers and experts, technical and administrative personnel of water utilities and relevant ministries as well as academicians in partner countries of EXCEED-SWINDON in the Middle East & North Africa region.

Number of participants:

The number of participants is limited to 30.

Application:

Please apply online until March 4, 2016. <http://www.mena.exceed-swindon.org/apply-now/>

The notification to the applicants: March 11, 2016.

Contact Organising Institution:

Dr. Arwa Hamaideh (Contact person)
Water, Energy and Environment Center
University of Jordan

Tel: +962 65355000 ext 23903

Fax: +962 65300803

Address: P.O.Box 13447. Amman, Jordan

E-Mail: hamaideh.arwa@ju.edu.jo

Prof. Dr. Anwar Jiries

Mutah University

College of Science

+962 64617860 ext 4888

P.O.Box (7), 61710 Karak, Jordan

jiries@mutah.edu.jo

Venue:

Radisson Blue Hotel, Aqaba, Jordan

TU Braunschweig Head Office:

Prof. Dr. Andreas Haarstrick

Scientific Coordinator

Excellence Center for Development Cooperation

Sustainable Water Management

Beethovenstraße 51a

D-38106 Braunschweig, Germany, Email: coordination-exceed@tu-bs.de

Tel.: +49 531 391-3935