



Network  
Member of



Expert Workshop on

# Sustainable Urban Water Management and Water Sensitive Cities

September 6-10, 2015 / Sharm El-Sheikh / Egypt



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## Overview

Water is the most important, valuable and scarce material in MENA region. Great deal of available fresh water resources are consumed by agriculture. On the other hand urbanization rate in the region over the past ten years was very high. It is projected that within the next ten years urban population will increase over 65%, compared to the projected rural population increase of 8.5%. This issue makes the urban water management especially in mega cities of the region more important and sophisticated than before. The large population increase poses great pressure on water resources and aggravates the serious environmental problems caused by the irrational management of limited resources. Also, the deficiency in application of environment-friendly systems in water transmission and wastewater drainage and treatment arises severe environmental problems. In order to achieve the sustainability, it should be developed appropriate water management policies, especially in water sensitive cities which have fragile environment that stems from the topographic, hydrological and geologic conditions. These policies should find appropriate environmental solutions for the problems of leakage in both water and waste water networks. Also, modern wastewater treatment techniques should be applied in order to minimize the pollution hazards and achieve the target of water recycling and reuse. In addition, it should be solved the problems of floods and flash floods which result in destruction and pollution risks.

## Objectives

The workshop main objective is to share the experience, knowledge, research between the partners, to discuss main problems and challenges in the field of sustainable urban water management and water sensitive cities.

## Topics

- Water Sensitive Cities Practices
- Sustainable Water Management and City Development
- Water Recycle
- Advanced Techniques of Waste Water Sampling and Treatment
- Flood Risk and Mitigation Measures
- Green Infra Structure
- Water Security and Health

## Workshop Organization

The workshop will take place in Sharm El-Sheikh, South Sinai, Egypt. Ain Shams University from Egypt will host the workshop within the framework of Exceed project at Technical University of Braunschweig in Germany that funded by the German Academic Exchange Services (DAAD) and Federal Ministry for Economic Cooperation and Development (BMZ). The workshop will be held during the period 6th-10th September 2015.

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## SCHEDULE

Day	Date	Time	Activity
Sunday	September 6 <sup>th</sup>		ARRIVAL
Monday	September 7 <sup>th</sup>		
		09 <sup>30</sup> – 17 <sup>30</sup>	Opening ceremony, Keynote lectures, oral presentations
Tuesday	September 8 <sup>th</sup>		
		09 <sup>00</sup> – 17 <sup>00</sup>	Lectures & oral presentations
Wednesday	September 9 <sup>th</sup>		
		9 <sup>00</sup> – 19 <sup>00</sup>	Regional Meeting MENA Region Technical & Cultural Excursion
Thursday	September 10 <sup>th</sup>		DEPARTURE

### 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 region.

### Number of participants:

The number of participants is limited to 30.

### Application:

Please apply online until July 05, 2015 at <http://www.exceed-swindon.org/apply> under Workshop or Training Course

Every applicant will be informed about the outcomes of her/his application **before End of July 2015.**

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Internet: [www.exceed-swindon.org](http://www.exceed-swindon.org)

**Contact Organising Institution:**

[ahmed\\_hassan@eng.asu.edu.eg](mailto:ahmed_hassan@eng.asu.edu.eg)

[ahmad9657@yahoo.co.uk](mailto:ahmad9657@yahoo.co.uk)

Tel.: + 2 44 79 92 32

Mobile: + 2 01003359907

**Venue:**

Coral Beach Tiran Sharm



**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](mailto:coordination-exceed@tu-bs.de)

Tel.: +49 531 391-3935

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