



**REDWARM**

**First Call for Papers**

**International Conference on  
Research and Technology  
Development for  
Water Resources Management  
(REDWARM)**

**Organized by**

**National Water Research Center - (NWRC)  
EGYPT**



**4-6 December 2016  
Cairo – EGYPT**

**Invitation Message by  
President of NWRC**

Pressures from population growth, pollution, aging water infrastructure, and climate change are mounting against our scarce water resources. Research and technology development is the key answer to tackle our water challenges and to align us on a more sustainable course of action while supporting economic growth. National Water Research Center (NWRC) in collaboration with the Ministry of Water Resources and Irrigation (MWRI) in Egypt and Utah State University (USU) in USA is organizing an international conference titled “Research and Technology Development for Water Resources Management”. This international conference is organized to provide a forum for all players in water research, applied water technology and water resources management to facilitate sharing of knowledge, experience, good practices and research results. This event will offer an opportunity to catalyze and promote utilization of advanced water technology to restore, protect and ensure sustainable management of our water resources. On behalf of NWRC, I cordially invite you to attend our international conference in Cairo in December 2016.



*Conference President*

**Conference main themes:  
Topics / Subtopics**

Plenary sessions will include keynote presentations of general interest to a wider audience covering the following:

***Geo-Measurement, Field Investigation, and Monitoring:***

This topic includes Remote Sensing and RADAR techniques as well as survey instruments. It can comprise soil, geophysical and water quality/quantity monitoring/sampling equipment. Field climate, hydrometers’ stations, and specialized laboratory instruments and devices as well as computational facilities.

***New Materials, Water Structures, and Machinery:***

This topic incorporates construction and protection materials, canal lining and membrane technology. It is open to shore protection, canal maintenance, irrigation and drainage systems, installation and construction equipment and techniques.

***Renewable Energy Utilization/Generation:***

Under this topic, not only utilization of renewable energy in water pumping is considered, but also its use in the desalination techniques is expected to be covered. Moreover, it includes new hydropower generation, its storage devices, techniques and facilities. Energy control, automation, and distribution systems are also included.

***Control, Automation, and Distribution Schemes***

The focus of this topic is on utilization of ITC and mechatronics in controlling and distributing water via existing water infrastructure. This topic covers novel applications of existing methods and the development of new computational methods and efficient algorithms for hydraulics’ software and mechanical engineering in control of water schemes.

### **Water Saving, Treatment and Pollution Control**

This topic includes different technological water saving techniques at all water management levels. Natural water treatment technologies, technological measures for water pollution control, efficient water consumption for agriculture practices including genetic engineering.

### **Special Sessions / Workshops**

Based on demand, organization of two hours special sessions/workshops are provided. These are designed to open the conference to a wider audience since new water technology trends and innovative management practices will be introduced by water technology developers and practitioners.

### **Call for Papers**

Experts and researchers are welcome to submit their abstracts that cover the different conference's disciplines. Submitted abstracts will be revised by the conference's scientific committee for relevance to the conference's scope. The abstracts should include the paper full title, author's names and affiliations, email addresses, the relevant topic and 6 keywords at most.

#### **Deadline for abstract and full paper submissions:**

Abstract Submission	15 April 2016
Notification for abstract Acceptance	1 June 2016
Submission of full Paper	15 August 2016
Notification for full paper Acceptance	15 September 2016

#### **The abstract should not be more than 1000 words.**

#### **Abstract and full paper submission should sent to:**

[sc@redwarm2016-eg.org](mailto:sc@redwarm2016-eg.org)

### **Registration Fees**

#### **Egyptian Participants:**

	Full Registration	One-day Registration
Standard	1500 L.E.	600 L.E.
Young Professional	1000 L.E.	400 L.E.

#### **Non-Egyptian Participants:**

	Full Registration
Standard	500 US\$ (Registration Only)
Young Professional	300 US\$ (Registration Only)

### **Exhibition**

Exhibition provides an ample opportunity for designers, developers and practitioners to demonstrate their new cost effective products and viable application experiences. Flexible space will be assigned to each exhibiter upon request.

### **Contact Information**

#### **Contact Person:**

Eng. Mir Mokhtar,  
Head of Organizing Committee  
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#### **For registration:**

[reg@redwarm2016-eg.org](mailto:reg@redwarm2016-eg.org)

#### **Conference Website:**

[www.redwarm2016-eg.org](http://www.redwarm2016-eg.org)

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