



First Call for Papers

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

Organized by

National Water Research Center

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 affecting our scarce water resources. Research and technology development is the key answer to address these challenges and to develop sustainable corrective actions 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 Sustainable Water Resources Management". This international conference is organized to provide a forum for researchers, academicians, and practitioners engaged in research, applied water technology, and water resources planning and management to share knowledge, experience, good practices, and research results. This event will offer an opportunity to catalyze and promote the use of advanced water technology to restore, protect and ensure sustainable management of scarce water resources. On behalf of NWRC, I cordially invite you to attend this international conference in Cairo in December 2016.




Prof. Mohammed Abdel-Motaleb
President, NWRC
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 and quantity monitoring and sampling equipment. Others include field climate and meteorological stations, and specialized laboratory instruments and devices as well as supporting 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 and Generation

Under this topic, not only utilization of renewable energy in water resources management is considered, but also its use in the desalination technologies is covered. It also includes new hydropower generation and storage, appropriate techniques and facilities, and energy control, automation, and distribution systems.

Control, Automation, and Distribution Schemes

The focus of this topic is 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 technologies for water saving at all water management levels. Natural water treatment technologies, technological measures for water pollution control, and efficient water consumption for agriculture practices.

Special Sessions and Workshops

Based on demand, two-hour special sessions and workshops will be provided. These are designed to open the conference to a wider audience since new water5 technology trends and innovative management practices will be introduced by water technology developers and practitioners.

Abstract and Paper Submission

Experts and researchers are welcome to submit their abstracts that cover the different conference's themes. Submitted abstracts will be reviewed by the conference scientific committee. The abstracts should include the paper full title, author's names and affiliations, email addresses, relevant theme, and maximum of six keywords.

Deadline for abstract and full paper submissions:

Abstract Submission	15 April 2016
Notification of 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 be sent to:**

sc@redwarm2016-eg.org

Registration Fees

Egyptian Participants:

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

Non-Egyptian Participants:

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

Registration:

reg@redwarm2016-eg.org

Exhibition

Exhibition provides opportunity for commercial vendors, designers, developers, and practitioners to demonstrate their new cost effective products and technologies. Flexible space will be assigned to each exhibiter upon request.

Contact Information

Eng. Mir Mokhtar,
Coordinator of Organizing Committee
Mobile: +201281266266
eng.mirmokhtar@gmail.com

Conference Website:

www.redwarm2016-eg.org

Conference Logistics

Information related conference venue, travel, accommodation, and visas will be provided in future announcements.

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