



20th International Water Technology Conference
IWTC-XX www.iwtc.info

18 -20 May 2017

Sunny Days El Palacio Resort , Hurghada, Egypt

FIRST ANNOUNCEMENT



Organized By:



Iwta.info

In co-operation with



Mansoura University, Egypt - Water Research Center, Egypt



Red Sea Water and Wastewater company, Egypt

Academic Organizers

- ✦ Arab Academy for Science, Technology and Maritime Transport (AASTMT), *Egypt*
- ✦ French Geological Survey (BRGM), France's Public Institution in Earth Science Applications, *France*
- ✦ Kuwait Institute for Scientific Research (KISR) , *Kuwait*
- ✦ National Research Council (CNR), *Italy*
- ✦ National Research Centre (NRC), *Egypt*
- ✦ Petru Maior University of Tirgu-Mures (UPM), *Romania*
- ✦ Shirshov Institute of Oceanology, RAS, *Russia*
- ✦ The Nile Research Institute (NRI) , *Egypt*
- ✦ Zagazig University (ZU), *Egypt*



Objectives

This edition of International Water Technology Conference is the twentieth of event series initiated by The International Water Technology Association (IWTA) twenty years ago. The conference offers an opportunity to present and discuss the most recent technological innovations and scientific developments associated with the water resources management, water treatment technology, environmental and ecological systems, agricultural-water related issues and water infrastructure. The conference brings together researchers, scientists, water professionals, end-users, managers, decision makers and stakeholders from universities, research institutes, governmental agencies, industries and other interest groups. The conference participants will discuss and develop a general framework for minimizing and preventing the deterioration in water quality, remediation, restoration, innovative treatment technologies, energy consumption, and optimizing water resources planning and management facing scarcity. On the sidelines of the conferences, international exhibitions have been held that offer the perfect occasion for discussing the new trends in the field of water industry. The exhibitors are contractors, manufacturers and all specialized companies in water industry field.

Under the auspices of Their Excellency

- Mohamed Abdel AAty** Minister of Water Resources and Irrigation
- Ashraf El Shehhi** Minister of Higher Education & Scientific Research
- Ahmed Abdullah** Red Sea Governor

Conference Honorary Chairmen

- Mohamed Elkenawy** President of Mansoura University, Egypt
- Ismail Abdul Gafar** President of Arab Academy for Science , Technology and Maritime transport

Conference Chairman

Magdy Abou Rayan

President of International Water Technology Association and Ex-President of Mansoura University, Egypt.

Conference Vice Chairmen

- Andrea Scozzari** National Research Council (CNR-ISTI), Italy
- Liviu Moldovan** Petru Maior University of Tirgu-Mures, Romania

Conference Secretary General

- Abdelazim Negm** Zagazig University, Egypt
- Kamal El-Nahhas** Suez Canal Authority, Egypt

Organizing Committee

- Abd Elnaby Kabeel** Tanta University, Egypt
- Ali Al Magar** Environment Consult, Saudi Arabia
- Ibrahim Khalid** Minia Water and Wastewater co, Egypt
- Juneseok Lee** San Jose State University, CA, USA
- Lachen Benaabidate** USMBA-Fez, Morocco
- Mohamed Azaroual** BRGM, France
- Mohamed Al-senafy** Kuwait Inst. for Scientific Research, KW
- Nabil Hassan** Zagazig University, Egypt
- Nader Gharib** AASTMT, Egypt
- Oliver Saavedra** Universidad Privada Boliviana, Bolivia
- Sherine S. Ismail** NR Inst., MWRI, Egypt
- Tamim Younos** GWI Academy, Washington, DC, USA
- Yehia Sedik** Red Sea Water and Wastewater co, Egypt

Scientific Committee

Scientific Committee Chairmen:

Andrey Kostianoy Russian Academy of Sciences, Russia

Abdel Razik Zidan Mansoura University, Egypt

Scientific Committee Members:

Abdelmoneim Abdelbary	AASTMT, Egypt.
Ahmed Rashed	Drainage Research Inst. , NWRC, Egypt
Amgad Alansary	Cairo University, Egypt
Francesco Soldovieri	CNR-IREA, Italy
Ibrahim Gar Al-alm	Mansoura University, Egypt
Jean Francois Cretaux	CNES, France
Kamal Ghodeif	Suez Canal University, Egypt
Martina Zelenáková	Technical University of Košic, Slovakia
Mohamed Ashour	Assuit University, Egypt
Moustafa Soliman	ASCE, Egypt
Pavel Vlasak	Academy of Science, Czech Republic
Raja Ben Amar	Sfax University, Tunisia
Rifaat Abdel Wahaab	HCWW, Egypt
Safey Elden Metwaly	Desert Research Center, Egypt
Salvatore Straface	University of Calabria, Italy
Sohair I. Abou-Elela	National Research Center, Egypt
Stefano Vignudelli	CNR- Italy
Vincenzo Lapenna	CNR-IMAA, Italy

Local Executive Committee

Kamal El-Nahhas	Suez Canal Authority, Egypt (chairman)
Adel Abd El Aziz	Mansoura University, Egypt
Ali Kabeel	Mansoura University, Egypt
Fatma Samir	Business Development Services, Egypt
Riham Ibrahim	IWTA, Egypt
Safya El-Gayar	Agriculture Research Center, Egypt
Walaa Ibrahim	IWTA, Egypt
Walaa Tarek	Mansoura University, Egypt
Yara Abdul Aziz	Mansoura University, Egypt

Public Relations

Mohammed Zakaria Mansoura University, Egypt

Registration

Early bird registration up to January 31 st	\$400 USD
After January 31 st	\$450 USD
On-site registration fees	\$500 USD

Registration for local participants:

Early bird registration up to January 31 st	2500 EGP
Regular registration	2750 EGP

Reduction in registration fees for M.Sc. and Ph.D students, young researchers (up to 35 years), and the low economy countries are available at the reduced rate of 30%.

Registration fees for participants cover:

- Conference briefcase and registration kit
- Opening and closing ceremonies
- Accommodation for 3 nights in the conference's hotel (Half board) per person in Double Room
- Coffee breaks
- Conference proceedings and publications
- Attendance to all the conference sessions, keynote talks and workshops
- Reception at the airport

Acceptance rates:

IWTC19 acceptance rate:	47%
IWTC18 acceptance rate :	52%
IWTC17 acceptance rate :	37%

Conference Topics

1. Water Resources Planning and Management:

- Integrated water resources management
- Water resources for sustainable development
- Remote sensing and GIS applications
- Impacts of global and regional climate change
- Water quality and protection
- Trans-boundary water conflict and cooperation issues

2. Water Treatment Technology:

- Waste water treatment technologies
- Computer applications in water treatment
- Purification plants and networks
- Hydraulic machines
- Environmental impact assessment
- Surface and subsurface wetlands

3. Desalination Technologies:

- Membrane based technology
- Solar desalination
- Hybrid systems
- New trends in water desalination

4. Groundwater Flow:

- Artificial recharge and active management of aquifers
- Groundwater flow and contamination
- Integrated coastal aquifer management
- Computational groundwater

5. Hydraulics and Hydraulic Structures:

- Water distribution systems analysis
- Sediment transport and modeling techniques

- Maintenance and rehabilitation of hydraulic structures
- Information Technology (IT) applications in water infrastructure
- Coastal land use and engineering

6. Agricultural Water Issues:

- Sustainable agriculture and mega projects
- Agricultural water pollution and reuse technologies
- Low water consumption crops
- New trends in virtual water use and transboundary cooperation

7. Hydroinformatics:

- Water Resources development and modeling process
- Water supply and sanitation technologies
- Water and food scarcity and agriculture developments
- Development of hydro models
- Hybrid hydro models
- Pros and cons of hydro modeling process

Paper Submission Procedure

Submit your paper directly through iwtc.info via the online system and confirm by e-mail and remember the paper ID and your password for future reference. The paper should be prepared according to the author's guidelines posted on the conference website. Violation of the template may lead to rejection of the paper.

Reviewing Process & Publication

- All Conference papers will be peer reviewed by the members of the scientific committee and distinguished professors from the academic organizers
- Selected best full papers will be published in the peer reviewed IWTCJ (iwti.info).

Conference Reward

There will be a reward to the best research paper in each track /topic

Deadlines

Abstract submission	15 January 2017
Notification of acceptance	31 January 2017
Submission of revised paper	1 March 2017
Notification of acceptance	1 April 2017

Contacts and Inquiries

Tel: +20 3 5920641 Fax: +20 3 5909948

Tel/ Fax: +20 50 2203422 Mobile: 01212598797

E-mail: iwtc.egypt@gmail.com

Web page: <http://iwtc.info>