



23rd International Water Technology Conference
IWTC-2023 iwtc2019.website2.me

09 – 11 March 2023

Port Said, Egypt

Grand Hotel



Organized By:



International Water Technology Association

In co-operation with



Port Said University



Egyptian Chinese University

Conference Honorary Chairmen Board

Ashraf Elshihy

President of Egyptian Chinese University, Egypt

Ayman Mohamed

President of Port Said University, Egypt

Academic Organizers

✦ Academy of Scientific Research and Technology, (ASRT), *Egypt.*

✦ Arab Water Council, (AWC), *Egypt.*

✦ French Geological Survey (BRGM), France's Public Institution in Earth Science Applications, *France*

✦ Holding Company for Water and Wastewater, *Egypt*

✦ Kuwait Institute for Scientific Research (KISR), *Kuwait*

✦ Mansoura University, *Egypt*

✦ National Research Council (CNR), *Italy*

✦ Shirshov Institute of Oceanology, RAS, *Russia*



Objectives

This edition of International Water Technology Conference is the twenty third of event series initiated by The International Water Technology Association (IWTA) twenty two 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 hold that offer the perfect occasion for discussing the new trends in the field of water industry. The exhibitors are contractors, manufacturers and specialized companies in water industry field.

Conference Chairman

Magdy Abou Rayan

President of IWTA and Ex-President of Mansoura Uni, Egypt.

Conference Vice Chairmen

Andrea Scozzari CNR-ISTI, Italy

Conference Secretary General

Kamal El-Nahhas Suez Canal Authority, Egypt

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Scientific Committee Chairmen

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Abdelazim Negm	Zagazig University, Egypt

Scientific Committee Members

Adel Alhadad	Water Research Center, Kuwait
Ahmed Moustafa	Coastal Research Institute (CoRI), Egypt
Ahmed Rashed	Ground Water Inst, NWRC, Egypt
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Inas Abu Talib	National Research Center, Egypt
Maha El-Shafey	Housing and Building National Research center
Martina Zelenáková	Technical University of Košice, Slovakia
Mohamed Ashour	Assuit University, Egypt
Nabil Elmenshawy	Port Said University, Egypt
Osama Saleh	Zagazig University, Egypt
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Executive and Program Committee

Kamal El-Nahhas	Suez Canal Authority, Egypt (chairman)
Mohamed Basiouny	Port Said University, Egypt
Reham Ibrahim	IWTA, Egypt
Walaa Ibrahim	IWTA, Egypt
Walaa Tarek	Mansoura University, Egypt

Registration

Registration with accommodation for two nights:
Early Bird (up to 01/01/2023): \$400 Regular: \$430

Registration for local participants:

Registrarion (without accommodation) 2000 EGP
Registration with accommodation for two nights 3200 EGP
Registration with accommodation for one night 2650 EGP
Early Bird (up to 01/01/2023): 5% Fees Reduction

Registration fees for participants cover:

- Conference briefcase and registration kit
- Opening and closing ceremonies
- Accommodation for 3 days, 2 nights at conference hotel half board per person in a double room
- Conference proceedings and publications
- Attendance to all the conference sessions, keynote talks and workshops

Previous acceptance rate: 45% in average

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 machinery
- Environmental impact assessment
- Surface and subsurface wetlands
- Water supply and sanitation technologies

3. Desalination Technologies:

- Membrane based technology
- Desalination by renewable energy
- Desalination hybrid systems
- New trends in water desalination

4. Groundwater Management:

- 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
- IT applications in water infrastructure
- Coastal and harbor engineering

6. Agricultural Water Issues:

- Sustainable agriculture and mega projects
- Agricultural water pollution and reuss technologies
- Low water consumption crops
- Water and food scarcity and agriculture developments

7. Hydroinformatics:

- Water Resources development and modeling process
- Hybrid hydro models
- Pros and cons of hydro modeling process
- ICT applications to smart water systems
- Artificial intelligence

8. Nanotechnology applications:

- Water Treatment applications
- Desalination Technologies
- Groundwater Flow applications
- Agricultural Water Issues

Paper Submission Procedure

Submit your paper directly via e-mail. 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 reviewed by the members of the scientific committee and distinguished professors from the academic organizations
- Selected best full papers will be published in the peer reviewed IWTJ (iwtj.wordpress.com).

Conference Reward

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

Deadlines

Abstract submission	30 November 2022
Notification of acceptance	15 December 2022
Submission of revised paper	15 January 2023
Notification of acceptance	31 January 2023

Contacts and Inquiries

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