

📅 April 17-18, 2025

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CONFERENCE WEBSITE: <http://iwtc2019.website2.me>

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## | About the Conference

24th International Water Technology Conference

IWTC-2025 [iwtc2019.website2.me](http://iwtc2019.website2.me)

17 - 18 April 2025

Port Said, Egypt

Grand Hotel

Organized By:

International Water Technology Association

In co-operation with

Mansoura University Port Said University

Badr University

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

National Research Council (CNR),  
Italy

Shirshov Institute of Oceanology, RAS,  
Russia

### Important Dates

APR  
17

CONFERENCE  
DATE  
**April 17-  
18, 2025**

## Objectives

This edition of International Water Technology Conference is the twenty fourth of event series initiated by The International Water Technology Association (IWTA) twenty four 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 will be organized

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 Honorary Chairmen Board

Ashraf Elshihy

President of Badr University in Cairo, Egypt

Sherif Khater

President of Mansoura University, Egypt

Sherif Saleh

President of Port Said University, Egypt

Conference Chairman

Magdy Abou Rayan

President of IWTA and Ex-President of Mansoura

Uni,

Egypt.

Conference Vice Chairmen

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Mohamed Abdelazim Mansoura University, Egypt

Rawya Rizk Port Said University, Egypt

Tareq Ghalwash Mansoura University, Egypt

Conference Secretary General

Kamal El-Nahas Suez Canal Authority, Egypt

Organizing Committee

Abd Elnaby Kabeel Tanta University, Egypt

Ali Al Magar Environment Consult, KSA

Hassan Fayed Narmer-engsim LLC. USA

Hussein Elatfi Arab Water Council, AWC, Egypt

Ibrahim Khalid Matroh Water and Wastewater co,

Egypt

Lachen Benaabidate USMBA-Fez, Morocco

Mohamed Mossad Mansoura University, Egypt

Nabil Hassan Zagazig University, Egypt

Oliver Saavedra Universidad Privada Boliviana,  
Bolivia

Sherine S. Ismail NRI , NWRC, MWRI, Egypt

Tamim Younos GWI Academy, Washington, DC,  
USA

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Russia

Abdelazim Negm Zagazig University, Egypt

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Ahmed Moustafa Coastal Research Institute (CoRI),  
Egypt

Ahmed Rashed Ground Water Inst, NWRC, Egypt

Amgad Alansary Cairo University, Egypt

Amr El-Feki Mansoura University, Egypt

Hossam El-Moghazy Alexandria University, Egypt

Ibrahim Gar Al-Alm Mansoura University, Egypt

Inas Abu Talib National Research Center, Egypt

Maha El-Shafey Housing and Building National  
Research center

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Slovakia

Mohamed Ashour Assuit University, Egypt

Nabil Elmenshawy Port Said University, Egypt

Nadia Eshra NRI, NWRC, Egypt

Osama Saleh Zagazig University, Egypt

Saad Ragab Virginia Tech. University , USA.

Safey Elden Metwaly Desert Research Center,  
Egypt

Sohair I. Abou-Elela National Research Center,  
Egypt

Yasser Ahmed Hamed Port Said University, Egypt  
Executive and Program Committee

Asmaa Samir Cairo wastewater co, Egypt

Mohamed Basiouny Port Said University, Egypt

Mona Awad IWTA, Egypt

Rasmy Alazoul IWTA, Egypt

Reham Ibrahim IWTA, Egypt

Walaa Tarek Mansoura University, Egypt

Registration

Registration with accommodation for two nights:

\$350

Registration for local participants:

Registration ) without accommodation( 2500 EGP

Registration with accommodation for one night

3500 EGP

Registration with accommodation for two nights

4500 EGP

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.

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

9. AI and Water Technology:

☐ AI and Water Treatment Technology

☐ AI and Water Management

☐ AI and Modern Irrigation Technology

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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](http://iwtj.wordpress.com)).

Previous acceptance rate: 45% in average

Conference Reward

There will be a reward to the best research paper in

each track /topic

Deadlines

Abstract submission 10 December 2024

Notification of acceptance 17 December 2024

Submission of revised paper 17 January 2025

Notification of acceptance 17 February 2025

Contacts and Inquiries

- Administration:

Tel/ Fax: +20 50 2203422

Mobile: 01024196540

E-mail: [iwtc.iwta@gmail.com](mailto:iwtc.iwta@gmail.com)

Web page: <http://iwtc2019.website2.me>

### **TOPICS OF INTEREST**

3 topics

Research papers are invited in, but not limited to, the following areas:

Uncategorized

Environmental  
 Science & Sustainability

Artificial  
 Intelligence & Machine Learning