



21st International Water Technology Conference
IWTC-XXI www.iwtc.info

28 -30 June 2018

Port Said, Egypt

FIRST ANNOUNCEMENT



Organized By:



International Water Technology Association www.iwta.info

In co-operation with



AASTMT



Egyptian Chinese University



Mansoura University



Port Said University



**Holding Company for
Water and Wastewater**



Water Research Center



Engineering Syndicate

Academic Organizers

- ✦ Academy of Scientific Research and Technology, (ASRT), **Egypt.**
- ✦ Clusters of Scientific Innovation in the Middle East and North Africa, (COSIMENA), **Germany**
- ✦ 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 Water Research Centre (NWRC), **Egypt**
- ✦ Petru Maior University of Tirgu-Mures (UPM), **Romania**
- ✦ RWTH Aachen University, (RWTHAU), **Germany**
- ✦ Shirshov Institute of Oceanology, RAS, **Russia**
- ✦ Technische Universität Berlin Campus El Gouna, (TUBGEC), **Germany**



Objectives

This edition of International Water Technology Conference is the twenty first 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 hold 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 Excellencies

- Mostafa Madbouli** Minister of Housing & Urban Communities
- Mohamed Abdel Aaty** Minister of Water Resources and Irrigation
- Khaled Abdelghaffar** Minister of Higher Education & Scientific Research
- Adel El-Ghadban** Port Said Governor

Conference Honorary Chairmen Board

- Ismail Abdel Ghafar** President of Arab Academy for Science , Technology and Maritime Transport , Egypt
- Ashraf Elshihy** President of Egyptian Chinese University, Egypt
- Mohamed Elkenawy** President of Mansoura University, Egypt
- Shams Elden Shaheen** President of Port Said University, Egypt
- Mahmoud Saqr** President of Scientific Research and Technology Academy, Egypt
- Mamdouh Raslan** Chairman, Holding Company for Water and Wastewater, Egypt
- Tarek El Nabrawy** Engineering Syndicate Chairman, Egypt

Conference Chairman

- Magdy Abou Rayan**
President of IWTA and Ex-President of MansouraUni, Egypt.

Conference Vice Chairmen

- Andrea Scozzari** CNR-ISTI, Italy
- Hani Sewilam** RWTH Aachen University, Germany

Conference Secretary General

- Kamal El-Nahhas** Suez Canal Authority, Egypt

Organizing Committee

- Abd Elnaby Kabeel** Tanta University, Egypt
- Ali Al Magar** Environment Consult, KSA
- Ayman Ibrahim** Port-Said University, Egypt
- Ibrahim Khalid** MiniaWater and Wastewater co, Egypt
- Juneseok Lee** San Jose State University, CA, USA
- Lachen Benaabidate** USMBA-Fez, Morocco
- Mohamed Abubashim** Zagazig University, Egypt
- Mohamed Ali** AASTMT, Egypt
- Mohamed Azaroual** BRGM, France
- Nabil Hassan** Zagazig University, Egypt

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| Oliver Saavedra | Universidad Privada Boliviana, Bolivia |
| Safey Elden Metwaly | Desert Research Center, Egypt |
| Sherine S. Ismail | NRI , NWRC, MWRI, Egypt |
| Tamim Younos | GWI Academy, Washington, DC, USA |

Scientific Committee

Scientific Committee Chairmen

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| Andrey Kostianov | Russian Academy of Sciences, Russia |
| Abdel Razik Zidan | Mansoura University, Egypt |

Scientific Committee Members:

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| Abdelazim Negm | Zagazig University, Egypt |
| Abdelmoneim Abdelbary | AASTMT, Egypt. |
| Adel Alhadad | Water Research Center, Kuwait |
| Ahmed Rashed | Drainage Research Inst. , NWRC, Egypt |
| Amgad Alansary | Cairo University, Egypt |
| Amr El-Feki | Mansoura University, Egypt |
| Ghada El Serafy | Deltares, Netherlands |
| Ibrahim Gar Al-alm | Mansoura University, Egypt |
| Martina Zelenáková | Technical University of Košic, Slovakia |
| Matthias Barjenbruch | Technische Universitaet Berlin, Germany |
| Mohamed Ashour | Assuit University, Egypt |
| Mohamed Basiouny | Egyptian Chinese University, Egypt |
| Moustafa Soliman | ASCE, Egypt |
| Nabil Elmenshawy | Port-Said University, Egypt |
| Nikolaos Tzoupanos | Technische Universitaet Berlin, Germany |
| Pavel Vlasak | Academy of Science, Czech Republic |
| Raja Ben Amar | Sfax University, Tunisia |
| Rifaat Abdel Wahaab | HCWW, Egypt |
| Saad Ragab | Virginia Tech. University , USA. |
| Sohair I. Abou-Elela | National Research Center, Egypt |

Executive and Program Committee

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| Adel Abd El Aziz | Mansoura University, Egypt |
| Asmaa Yasser | Mansoura University, Egypt |
| Kamal El-Nahas | Suez Canal Authority, Egypt (chairman) |
| Madonna Magdy | Mansoura University, Egypt |
| Mohamed El-Rashidy | AASTMT, Egypt |
| Nader Gharib | AASTMT, Egypt |
| Safya El-Gayar | Agriculture Research Center, Egypt |
| Walaa Ibrahim | IWTA, Egypt |
| Walaa Tarek | Mansoura University, Egypt |

Public Relations & Media

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| Mohammed Zakaria | Mansoura University, Egypt |
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Registration

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| Regular registration | \$420 USD |
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On-site registration fees \$480 USD

Registration for local participants:

Regular registration 2100 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 campus of Arab Academy for Science, Technology and Maritime Transport, Port Said (Chalet style), Breakfast and Dinner
- Coffee breaks
- Conference proceedings and publications
- Attendance to all the conference sessions, keynote talks and workshops

❖ For more additional alternatives for accommodation with different fees and transportation kindly contact conference secretary

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

3. Desalination Technologies:

- Membrane based technology
- Desalination by renewable energy
- 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
- 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
- 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
- Hybrid hydro models
- Pros and cons of hydro modeling process

8. Nano Technology approach:

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

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 organizations
- Selected best full papers will be published in the peer reviewed IWTJ (iwtc.info).

Conference Reward

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

Deadlines

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| Abstract submission | 01 February 2018 |
| Notification of acceptance | 15 February 2018 |
| Submission of revised paper | 15 March 2018 |
| Notification of acceptance | 10 April 2018 |

Contacts and Inquiries

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