



ALEXANDRIA UNIVERSITY
DESALINATION STUDIES & TECHNOLOGY CENTER

ADST

FIFTH INTERNATIONAL CONFERENCE



DESALINATION TECHNOLOGIES
AND WATER REUSE

Alexandria 2010

Desalination Technologies and Water Reuse

ADST 2010 Fifth International Conference

October 29—31; 2010—Alexandria, Egypt

Second Call for Papers

ADST (Alexandria University Desalination Studies and Technology Center) is pleased to announce the organization of the

ADST 2010 Fifth International Conference

Desalination Technologies and Water Reuse

The Conference will offer an opportunity for professionals, experts, scientists and researchers in all aspects of water desalination, to discuss issues related to the various desalination technologies and water reuse.

MISSION AND OBJECTIVES

Water shortage and the threat of desertification are among the critical challenges facing many countries on the Southern rim of the Mediterranean, in the Middle East and in the Gulf Region. The crucial issue of filling the gap between water supply and demand is imposing itself in these countries, which in turn would benefit from the various desalination technologies, and possible techniques for water reuse. Accordingly, there is always an ever increasing need to develop and to implement such technologies due to the continuing developments in those areas, which are not only consuming the natural water resources, but also contaminating them. Accordingly, there is a continuous need to develop strategies and long-term plans to face challenges related to the need, design, operation, maintenance, sustainable development and economics of not only desalination technologies, but also of the various possible tracks for water reuse.

To maintain the target of the series of conference organized by ADST, the conference is still targeted at enhancing the cooperation between countries in need of such technologies and those providing the knowhow, within the frame of the following objectives:

- To review the current status of the regional needs for desalination, in light of the presently available alternative water resources.
- To evaluate the water requirements for the countries on the Southern rim of the Mediterranean, in the Middle East and in the Gulf Region.
- To present the state of the art and latest developments in desalination technologies and water reuse.
- To report innovations and to discuss future trends of pre-treatment and post-treatment.
- To emphasize on action plans to materialize the pertinent desalination technologies and water reuse patterns, locally.
- To present the latest developments in desalination technologies using renewable energy.
- To report the most innovative treatments of water and wastewater using Membrane technologies.

TOPICS

- Reverse osmosis
- Brackish water desalination
- Pre-and post treatment in desalination
- Desalination in remote and arid areas
- Membrane Bio-Reactor and membrane technologies
- Solar energy and desalination
- Process intensification in desalination and wastewater treatment
- Modelling and simulation in desalination
- Renewable energy and desalination
- Innovative desalination processes
- Corrosion control and material selection for desalination
- Wastewater treatment and reuse
- Desalination and the Environment
- Management of desalination systems
- Economics of desalination systems

CONFERENCE CHAIR

Prof. Dr. H. M. Hanafy

President of Alexandria University
ADST president

CONFERENCE Co-CHAIR

Prof. Dr. R.R. Zahran

Vice-President of Alexandria University
Executive Director

SCIENTIFIC COMMITTEE

- Prof. Dr. M. A Darwish, *Kuwait*
- Prof. Dr. A. M. El-Nashar, *USA*
- Prof. Dr. H. Ettouney, *Kuwait*

ORGANIZING COMMITTEE

- Prof. Dr. A.L. Mohammadein
- Prof. Dr. A.H Konsowa
- Dr. Y.M.S. El-Shazly

INSTRUCTIONS TO AUTHORS

Authors are invited to submit papers for consideration before May 15, 2010. The selected papers will be published in the conference proceedings. The authors will be invited to present their papers in the conference at their own expenses. The papers should fall into one of the aforementioned thematic areas.

Please send the electronic version of the abstract and/or paper (MS-WORD format) to ADST Secretary:

email: **adst@frcu.eun.eg**

Fax: **+203 591-0720**

+203 593-4689

+203 591-1152

(Make sure you receive a confirmation that the paper has been received).

IMPORTANT DATES

Submission of Abstract: August 15, 2010

Notification of Acceptance: August 31, 2010

Submission of full paper: September 30, 2010

THE VENUE

The conference will be held in the
Alexandria University Conference Centre

ALEXANDRIA

Alexandria, The Pearl of the Mediterranean, is the second largest city in Egypt. Founded in 331 BC by Alexander the Great, and became the capital of Greco-Roman Egypt. Rich in History and cultural heritage, Alexandria is truly captivating with its exotic orient flavour and its Mediterranean climate.

Tourist attractions in Alexandria are countless and diverse, like the Pompey's pillar, the Catacombs of Kom al-Shokafa, the Greco-Roman museum, the Fort of Qaitbay, Al – Montazah palace, the Mosque of Mursi Abul Abbas, the Bibliotheca Alexandrina, and the

Alexandria National Museum. There are also the beaches of Alexandria, that stretches for about 32 km along the coast of the Mediterranean Sea.



Registration Fees

The registration fees cover the attendance of all the conference sessions, stationery, book of abstract, conference CD, coffee breaks, lunches, banquet dinner & reception and plant visits.

Registration Fees*, **	Before July 31, 2010	After July 31, 2010
o Individuals	US\$ 600	US\$ 700
o South Mediterraneans	US\$ 450	US\$ 550
o Egyptians & Residents	LE 800	LE 900

* A 10% reduction on the registration fees is offered to authors whose paper (s)/poster(s) are accepted for presentation
(*Reduction applies to ONE author per paper*)

** A 25 % reduction on the registration fees is offered to students (*An official VERIFICATION is required*)