



## Laboratory of Water and Environment

Organises in partnership with:  
**The National Administration for Scientific Research (NASR)**

# 'The second International Seminar on Water, Energy and Environment -ISWEE'10-

### CONFERENCE TOPICS

#### Topic 1: Water

- Water scarcity in the MENA region
- Desalination technologies
- Pre-treatment and post-treatment
- Brine disposal and removal of specific compounds
- Brackish water desalination
- Recent developments in desalination
- Membranes for water treatment
- Inorganic membranes: ceramic, metallic, zeolite
- Classical membrane operations: MF, UF, NF, RO, PV, ED
- Water for irrigation
- Capacity building strategy
- Desalination projects in Algeria (case studies)

#### Topic 2: Energy

- Progress in renewable energy
- Desalination and renewable energy sources
- Energy recovery technology
- Nuclear desalination
- Capacity building in renewable energy

#### Topic 3: Environment

- Impact of desalination on the environment
- Concentrate handling
- Desertification in MENA region
- Soil salinisation and erosion
- Groundwater pollution
- Air Pollution. Greenhouse Gases. and Climate Change

02 – 04 November 2010  
Sheraton Oran  
, Algeria

Conference chairman: **Prof. OUAGUED Abdellah** (Chlef University, Algeria)

Nachida Kasbadji Merzouk  
Thomas W. Chapman  
Mahieddine Emziane  
Roya Sheikholeslami  
Djilali Achour  
Abdelwahab Dehbi  
Abdeen Omer  
Eftihia Tzen  
Wahib Naceur

CDER, Algiers (**Algeria**)  
Wisconsin-Madison University (**USA**)  
Masdar, Abu Dhabi (**UAE**)  
Edinburgh University (**UK**)  
Chlef University (**Algeria**)  
Paul Scherrer Institut (**Switzerland**)  
Energy Research Institute (**Sudan**)  
CRESS, Pikermi, (**Greece**)  
Blida University (Chlef)

### SCIENTIFIC COMMITTEE

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### KEY DATES

Abstract deadline	1th July 2010
Notification of acceptance	15th July 2010
Full paper deadline	01th Sept 2010
Notification of final acceptance	01th Oct 2010

### CONFERENCE LANGUAGE

The official languages of the Conference are English & French

### PUBLICATION AND PROCEEDINGS

All submitted papers will be peer-reviewed. Accepted and presented papers will be published in the proceedings of the ISWEE'01 seminar. Selected original papers will be published in special issues of the journal "**DESALINATION AND WATER TREATMENT**", as agreed with the Editor in chief, Prof. Miriam Balaban.

### SECRETARY

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