



International Conference on Water and Energy (ICW'13) 16–17 December 2013, Chlef University, Algeria

Foreword

This special issue of *Desalination and Water Treatment* contains manuscripts presented at the International Conference on Water and Energy (ICW'13) that was held at Chlef University in Algeria on 16–17 December 2013. A total of 31 manuscripts were submitted of which only 16 papers were accepted for publication in this special issue after a rigorous review process.

The topics of the conference included: membrane technology for water and wastewater treatment, membrane technology for environmental applications, bio-membrane and biotechnology, membrane technology for gas and vapor separation, and advanced materials for membrane fabrication.

There were six excellent plenary talks. Prof. Jan Hoinkis (Karlsruhe University, Germany) spoke about *Development of novel nano-structured membranes for membrane bioreactors*. Dr. Lidietta Giorno (ITM Director, Italy) presented the work of her team on *Integrated biotransformation and membrane separation for water purification and biogas production*. Prof. Anastasios J. Karabelas (CERTH, Greece) outlined recent developments on *The role of advanced oxidation processes in water treatment—recent developments*. Mrs Lamia Lehtihet (Ministry of Water Resources, Algeria) spoke about *Stratégie du développement des ressources en eau non conventionnelle en Algérie: l'utilisation des eaux usées urbaines épurée*. Dr Kees Roest (KWR Watercycle Research Institute, Netherlands) spoke about innovative possibilities for water reuse, energy and nutrient recovery from wastewater and Prof. Mattheus F.A. Goosen (Alfaisal University, KSA) gave an overview on *Renewable energies and water treatment*.

Sincere thanks go to the ICWE'13 International Scientific Committee for their strong support as well as the Conference Organizing Committee for their tireless efforts and dedication.

On behalf of the Organizing Committee we would also like to recognize and acknowledge the sponsorship of the Directorate General for Scientific Research and Technological Development (DGRSDT), ATRST, DISMAC (Rahmoune), ATBM (Benzamia), Airlab, and the Faculty of Science of the University Hassiba Benbouali of Chlef.

Finally, the Guest Editors would like to offer special thanks Prof. Miriam Balaban for allowing us to publishing the conference papers in this special issue.

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