DESALINATION

The International Journal on the Science and Technology of Desalting and Water Purification

Desalination is the premier international journal dedicated to communicating the latest developments in desalination including theoretical and applied research, technological and industrial development, other osmotic processes and the experience of operators and users. Desalination welcomes submissions describing use of desalting technologies such as thermal, membrane, sorption and hybrid processes. In addition, the journal considers exceptional research on new desalination materials, processes and technologies; transport and process modeling; energy consumption, renewable energy and energy recovery; pre-treatment, post-treatment and integrated systems; causes, consequences, and countermeasures of fouling and scaling; and technical, economic, and regulatory analyses of full-scale plants.

EDITOR-IN-CHIEF

Nidal Hilal

Centre for Water Advanced Technologies and Environmental Research (C WATER),

College of Engineering,

Swansea University,

Bay Campus, Swansea SA1 8EN, UK.

CO-EDITORS

Amy Childress Sonny Astani Department of Civil and Environmental Engineering University of Southern California Biegler Hall, Room 215 3620 S Vermont Avenue Los Angeles, CA 90089-2531

Raphael Semiat

The Wolfson Chemical Engineering Department Technion - Israel Institute of Technology Technion City, Haifa 32000, Israel

Ahmad Fauzi Ismail

Materials & Manufacturing Research Alliance (MMRA) Advanced Membrane Technology Research Centre (AMTEC) Universiti Teknologi Malaysia 81310, Skudai, Johor, Malaysia

Mikel Duke

Institute for Sustainability and Innovation Victoria University Werribee, Victoria 3030, Australia

EDITORIAL BOARD

Mohammed Alabri (Alkhoud, Oman)

Maarten Biesheuvel (Wageningen UR, Netherlands)

Jose I. Calvo (Valladolid, Spain) Antonio Casañas (Madrid, Spain) Yoram Cohen (Los Angeles, CA, USA) Enrico Drioli (Arcavacata di Rende, Italy) Menachem Elimelech (New Haven, CT, USA)

Noreddine Ghaffour (Thuwal, Jeddah, Saudi Arabia)

Anthony Gordon Fane (Sydney, Australia) Stephen Gray (Melbourne, Australia) Raed Hashaikeh (Abu Dhabi, UAE) David Hasson (Haifa, Israel) S.K. Hong (Seoul, South Korea) Nalan Kabay (Izmir, Turkey)

Anastasios J. Karabelas (Thessaloniki, Greece)

Mohamed Khayet (Madrid, Spain) James Kilduff (Troy, NY, USA)

Masaru Kurihara (Tokyo, Japan)

Pierre Le-Clech (New South Wales, Australia)

Changha Lee (Ulsan, South Korea) Takeshi Matsuura (Ottawa, ON, Canada) Hideto Matuyama (Nada, Japan) Jeffrey McCutcheon (Storrs, CT, USA) Iqbal Mujtaba (Bradford University, UK) Darren Oatley-Radcliffe (Wales, UK) Tom Pankratz (Houston, TX, USA)

Sarper Sarp (Doha, Qatar) Hilla Shemer (Haifa, Israel)

Hokyong Shon (New South Wales, Australia)

Victor Starov (Loughborough, UK) Rong Wang (Singapore, Singapore) Xing Yang (Victoria, Australia)

Kazuharu Yoshizuka (Kitakyushu, Japan)