



Advanced Membrane-Based Technologies for Water and Wastewater Treatment

Guest Editors:

Prof. Dr. Jiangyong Hu

Department of Civil and
Environmental Engineering,
National University of Singapore,
Singapore 119077, Singapore

Prof. Dr. Say Leong Ong

Department of Civil and
Environmental Engineering,
National University of Singapore,
Singapore 117576, Singapore

Deadline for manuscript
submissions:

closed (29 February 2020)

Message from the Guest Editors

Water is an essential life-supporting commodity. It is essential for food and energy production. Its availability also determines the social and economic development of every nation. However, water quality deterioration due to population and economic growth has become a common problem occurring in many parts of the world. Thus, enhancing water quality is a crucial task for any nation seeking to achieve sustainable development. Membrane technology, among other alternative treatment technologies, is becoming increasingly popular for water and wastewater treatment due to its excellent capability to enhance water quality.

This Special Issue intends to focus on papers on novel developments and/or applications of membrane system/technology for water and wastewater treatment and water reclamation. In particular, we would like to welcome contributions focusing on novel membrane system/technology as well as hybrid membrane system research and development to tackle emerging water quality issues. Both technical and reviewers papers are welcome.

Keywords

- membrane process
- water quality enhancement
- water and wastewater treatment





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Spas D. Kolev

School of Chemistry, The
University of Melbourne,
Melbourne, VIC 3010, Australia

Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375).

Membranes is an international, peer-reviewed open access journal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (Polymer Science) / CiteScore - Q1 (Chemical Engineering (miscellaneous))

Contact Us

Membranes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/membranes
membranes@mdpi.com
X@Membranes_MDPI