Special Issue

Developments in Innovative Membrane Desalination Processes

Message from the Guest Editors

The aim of this Special Issue is to cover the latest achievements in innovative and energy-efficient desalination processes and materials. Original research and review papers with emphasis on the following topics, but not limited to these, are welcome:

- Emerging and conventional membrane desalination processes (e.g., RO, MD, MDC, FO, ED/EDR, electroosmosis, pervaporation).
- Membrane desalination hybrids for better energy utilization and freshwater recovery.
- Novel membranes/materials for energy-efficient desalination and low (bio)fouling.
- Novel desalination concepts utilizing renewable and unconventional energy sources.
- Brine disposal/zero liquid discharge (ZLD).
- Process economics, energy efficiency, and life cycle assessment (LCA).

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2021)

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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 accessjournal 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.

Editor-in-Chief

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