



an Open Access Journal by MDPI

## Membranes Processes for Marine Environment

Guest Editors:

### Prof. Dr. Philippe Moulin

Equipe Procédés Membranaires,  
Laboratoire de Mécanique  
Modélisation et Procédés  
Propres (M2P2-UMR7340), Aix  
Marseille Université, 13545 Aix en  
Provence, France

### Dr. Clémence Cordier

Equipe Procédés Membranaires,  
Laboratoire de Mécanique  
Modélisation et Procédés  
Propres (M2P2-UMR7340), Aix  
Marseille Université, 13545 Aix en  
Provence, France

### Message from the Guest Editors

The main objective of this Special Issue is to bring together research on membrane processes applied to seawater. The first application obviously concerns the desalination of seawater intended for drinking water purposes, but this Special Issue aims to include broader seawater purification applications such as the cultivation of marine microalgae, the extraction of compounds of interest from seawater or the protection of the marine environment. The removal of micro- and nanoplastics, algal blooms, viruses, pathogens and emerging pollutants such as PFAS using membrane processes are also covered topics. Naturally, subjects ranging from the study of membrane fouling to the development of industrial units in these conditions of high salt concentration will also be considered.

Deadline for manuscript  
submissions:

**closed (30 September 2024)**



[mdpi.com/si/199723](https://mdpi.com/si/199723)

# Special Issue



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 (*Chemistry, Physical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

## Contact Us

*Membranes* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/membranes](http://mdpi.com/journal/membranes)  
[membranes@mdpi.com](mailto:membranes@mdpi.com)  
[X@Membranes\\_MDPI](https://x.com/Membranes_MDPI)