



an Open Access Journal by MDPI

Membrane Separation Process in Wastewater and Water Purification

Guest Editors:

**Prof. Dr. Andréa Moura
Bernardes**

Post-Graduation Programme in
Mining, Metallurgical and
Materials Engineering (PPGE3M),
Federal University of Rio Grande
do Sul (UFRGS), Av. Bento
Gonçalves, n. 9500, Agronomia,
Porto Alegre CEP 91509-900, RS,
Brazil

Dr. Alexandre Giacobbo

Post-Graduation Program in
Mining, Metallurgical and
Materials Engineering, (PPGE3M),
Federal University of Rio Grande
do Sul (UFRGS), Av. Bento
Gonçalves, n. 9500, Agronomia,
Porto Alegre CEP 91509-900, RS,
Brazil

Deadline for manuscript
submissions:

closed (31 May 2021)

Message from the Guest Editors

This Special Issue aims to cover recent developments and advances in all aspects related to Membrane Separation Process in Wastewater and Water Purification, including but not limited to membrane-based processes for pure and ultrapure water obtaining, treatment of brines and hypersaline solutions, development of new materials for water or wastewater purification, process development/integration for wastewater and water purification, concentration polarization and fouling, recovery of water and resources.

Keywords:

- Pure and ultrapure water
- Brines and hypersaline solutions
- Membrane preparation for wastewater and water purification
- Process development/integration for wastewater and water purification
- Concentration polarization and fouling
- Recovery of water and resources
- Circular economy



mdpi.com/si/58122



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

mdpi.com/journal/membranes
membranes@mdpi.com
[X@Membranes_MDPI](https://x.com/Membranes_MDPI)