



an Open Access Journal by MDPI

Troubleshooting of Membrane Processes in Real Operation

Guest Editor:

Dr. Jaromír Marek

Department of Chemistry,
Faculty of Science, Humanities
and Education, Technical
University of Liberec, Studentská
1402/2, 461 17 Liberec, Czech
Republic

Deadline for manuscript
submissions:

closed (20 August 2021)

Message from the Guest Editor

I am pleased to announce this Special Issue of *Membranes*, entitled “Troubleshooting of the membrane technologies in real operation.” The topic aims to address real, common, daily, and general problems with keeping membrane technology in the operation. It is wide topic, advancing people with real experience in membrane and (but not limited to) the water treatment industry. The area includes avoiding membrane scaling, avoiding piping corrosion, sealing modules, avoiding membrane fouling, ion concentration polarization, parasitic currents, inappropriate sealing, development of spacers, problems with pretreatment, problems with endplates in electromembrane processes, gasketing, and Clean in Place.

Keywords:

- Membrane technologies
- Troubleshooting
- Clogging
- Fouling
- Parasitic current
- Sealing of modules
- Corrosion of piping
- Endplate material



mdpi.com/si/76325

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

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