



Membrane Filtration for Water Reclamation

Guest Editors:

Prof. Dr. Luuk Rietveld

Department of Water
Management, Faculty of Civil
Engineering and Geosciences,
Delft University of Technology,
Stevinweg 1, 2628 CN Delft, The
Netherlands

Dr. Bas Heijman

Department of Water
Management, Faculty of Civil
Engineering and Geosciences,
Delft University of Technology,
Stevinweg 1, 2628 CN Delft, The
Netherlands

Deadline for manuscript
submissions:
closed (30 October 2021)

Message from the Guest Editors

Dear Colleagues,

The World Economic Forum has pointed out the water crisis as one of the most significant global risks to be faced over the next decade. A significant decline in the available quality and quantity of freshwater will result in harmful effects on human health and/or economic activity. In the meantime, global water demand will increase at an annual rate of 1% for the next thirty years. The imbalance between freshwater availability and demand will worsen due to factors such as climate change. To address the challenge, direct competition between agriculture, industry, and domestic purposes should be avoided and synergy should be sought, thus increasing the availability and accessibility to existing and new water resources. Reclamation of treated domestic sewage for industry and agriculture is one of the alternatives to decrease competition on water resources, and membrane filtration plays an important role in water treatment.

This Special Issue will highlight innovations in (integrated) membrane filtration for water reclamation. It welcomes both original contributions and reviews related to membrane filtration for water reclamation.





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