

Special Issue

Membrane Technology for Clean Energy, Water, and Sustainable Environment

Message from the Guest Editor

The alarming increase in greenhouse gas emissions leading to global warming has created an urgent demand for sustainable, clean, and renewable energy and water resources, as well as new energy conversion technologies. Although a society powered entirely by sustainable, clean, and renewable energy and water resources is not yet on the horizon, a world with a combination of innovative energy conversion methods tailored to natural resources is within reach in every region. This Special Issue is dedicated to recent advances in membrane technology applications in the fields of clean energy, water, and the environment. The main objective of this Special Issue is to present how membrane technology can help to create energy and water security, as well as help reduce greenhouse gas emissions. To this end, the editors invite experienced membrane scientists to report their academic achievements and related technologies in the fields of “Membrane Technology for Clean Energy, Water, and Sustainable Environment”. All original research articles, reviews, and communications dedicated to the present objectives will be considered.

Guest Editor

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Deadline for manuscript submissions

closed (30 July 2023)



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About the Journal

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.

Editor-in-Chief

Prof. Dr. Spas D. Kolev
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