

## Special Issue

# Current Research into Membranes in Water Desalination Technology and Engineering

### Message from the Guest Editors

The process of desalinating seawater and brackish groundwater has garnered more attention as a tenable means of satisfying the continuously increasing demand for freshwater, particularly in locations that experience persistent water scarcity, like arid coastal regions or islands. Furthermore, saltwater desalination is becoming an increasingly viable alternative for a resilient water supply as climate change affects precipitation patterns and intensifies droughts.

This Special Issue on “Current Research of Membranes in Water Desalination Technology and Engineering” will provide a platform for researchers to examine, discuss, and share the current advancements in membrane-based water desalination processes.

Original research papers, comprehensive reviews, and short communications are welcome as contributions to this Special Issue.

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### Guest Editors

**Dr. Jimoh Kayode Adewole**

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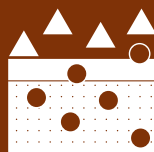
**Prof. Dr. Hsueh-Chia Chang**

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### Deadline for manuscript submissions

closed (31 July 2025)



## Membranes

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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.

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### Editor-in-Chief

Prof. Dr. Spas D. Kolev  
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