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Membrane-Based Technologies for Water/Wastewater Treatment

Guest Editors:

Prof. Dr. Sudesh Rathilal

Prof. Dr. Babatunde Femi Bakare

Dr. Emmanuel Kweinor Tetteh

Dr. Martha Noro Chollom

Deadline for manuscript submissions:
closed (31 March 2024)

Message from the Guest Editors

Dear Colleagues,

This Special issue invites original research articles and reviews that analyse cutting-edge advancements in membrane-based technologies and their applications for water and wastewater treatment, energy conversion, and resource recovery from wastewater and any other waste. Research areas may include, but are not limited to, advanced membrane bioreactors, electrodialysis, fouling, cleaning, module design, and optimization. This will encourage successful implementation and commercialization of membrane technology systems for sustainable environments and mitigation of wastewater pollution.

Keywords: membrane technology; nanotechnology; wastewater treatment technology; membrane bioreactors; nanofiltration; microfiltration; ultrafiltraion; osmosis; photocatalytic membrane reactor; membrane distillation

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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 accessjournal 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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