



Membrane Bioreactor (MBR) Technology for Wastewater Treatment

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Message from the Guest Editors

Dear Colleagues,

In the last few years, membrane bioreactors (MBR) have appeared and have become one of the best advanced technologies, being increasingly implemented for wastewater treatment due to its ability to comply with stringent requirements, in terms of quality standards for final discharge. The main advantages of MBR systems include a higher effluent quality, also in terms of pathogenic bacteria, a lower ecological footprint, and lower sludge production. Nevertheless, despite several advantages, these systems can be affected by serious problems due to fouling, which represents the greatest drawback of MBRs, limiting its widespread application.

This Special Issue focus on original research papers with the aim of defining, on one hand, the strengths of MBR technology for the treatment of municipal and industrial wastewater, while, on the other hand, the influence on "membrane life" and consequent aspects of economic and managerial investment.

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Guest Editors





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Message from the Editor-in-Chief

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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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