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## Membrane Processes for Water Recovery in Food Processing Industries

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**closed (15 November 2024)**

### Message from the Guest Editors

Currently, there are different treatment processes for industrial effluents that include membrane technology for water recovery. Mainly, effluents from the food sector are attractive to produce clean water, because effluents could be treated by membrane processes to generate decontaminated water with high possibilities of reuse as potable water.

According to effluent characteristics, the effluents are treated by membrane systems, including pre- and post-treatments that make the use of membranes more efficient in the effluent treatment and improve the quality of the treated water. Water components can also be recovered by the membranes, making the treatment process more economically and environmentally attractive.

This Special Issue includes reviews and original articles by researchers on the synthesis and applications of membranes for industrial effluent treatment with water recovery purposes, including membrane fouling studies, treatment costs, environmental studies, energetic saving, and recent advances with respect to challenges associated with membrane application for water recovery from industrial effluent treatment.



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# Special Issue



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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 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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