



## Membrane Preparation and Application for Separations and Water Treatment

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### Message from the Guest Editors

Membrane technologies are used in large-scale water and wastewater treatment processes, attributed to their remarkable features of compactness, easy automation, and high removal of contaminants with different sizes. However, a limited separation performance, low productivity, and short membrane lifespan present technical challenges to membrane separation. To solve those issues, the development of membrane preparation techniques is more urgent than that of membrane materials, not only affecting physicochemical properties and the separation performance of the fabricated membranes, but also directly determining their potential for industrialized application.

This Special Issue on “Membrane Preparation and Application for Separations and Water Treatment” seeks contributions assessing the state-of-the-art and future developments in the field of separation membrane preparation and applications for water and wastewater treatment. Topics include, but are not limited to, new manufacturing techniques and materials developments, and water/wastewater treatment applications, demonstration efforts, and industrial exploitation.





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## Message from the Editor-in-Chief

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