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Sustainable Membrane Technologies for Wastewater Treatment

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Message from the Guest Editors

Dear Colleagues,

The rapid growth of industrialization led to a series of problems related to water deterioration and shortage. Water shortage has been become one of the increasingly prominent concerns worldwide. It is of great significance to develop efficient wastewater treatment technologies and recovery applications. As compared with other wastewater treatment processes, membrane technology has been used as an innovative and promising option for wastewater treatment and reuse. However, membrane fouling and its consequences in terms of plant maintenance and operating costs limit the widespread application of membrane technology.

This Special Issue of *Membranes* on “Sustainable Membrane Technology for Wastewater Treatment” is dedicated to providing a forum that provides comprehensive coverage on the state-of-the-art and study of advanced applications in membrane technology. Both original research articles and reviews are welcomed. All invited submissions for the Special Issue will go through the normal peer-review process.

We look forward to receiving your contributions.

Prof. Dr. Liang Duan
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Dr. Zhichao Zhang
Guest Editors



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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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