Special Issue

Application of Membrane Separation Technology in Water and Wastewater Treatment

Message from the Guest Editor

Membrane processes have become increasingly popular in recent years for treating water and wastewater due to the limited effectiveness of traditional treatment methods in dealing with the variety of contaminants present in the water supply. They are widely used in many industrial and environmental sectors for removing various pollutants. It is worth noting also that membranes can effectively treat solutions with varying pollutant concentrations. Therefore, I encourage the submission of articles on recent advances and advanced membrane processes for water and wastewater treatment for this Special Issue. The aim of this Special Issue is to discuss the latest discoveries in this field, provide directions for future research, and offer technical parameters for engineering applications. Original research and review papers focusing on topics such as membrane-based water and wastewater treatment, membrane fabrication, membrane fouling control, membrane process simulation and modelling, and engineering applications in the water and wastewater sector are all welcome.

Guest Editor

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST
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