Special Issue

Membranes in Water and Wastewater Treatment

Message from the Guest Editors

Since its first industrial introduction for desalination purposes, membrane production has continued to grow, and the variety of membranes available is expanding. In the water industry, membrane techniques are increasingly being replacing conventional techniques such as clarification and filtration, ion exchange softening and deonization, evaporation, organic removal by sorption, and biological wastewater treatment. Membrane techniques demonstrate technical capabilities and efficiency due to their low chemical and power consumption, high product water quality, and small footprint. The distinguishing quality of membrane techniques, however, is their constant improvement that enables them to conquer more and more application fields: new developments provide dramatic a recovery increase, low energy consumption, reduced scaling and fouling, increase in concentrations of chemical brines, and harvesting of their valuable components. [...]
For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/3666E2KCV9

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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

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