Special Issue

Membrane Separation and Water Treatment: Modeling and Application

Message from the Guest Editors

Membrane separation technologies have emerged as a versatile and promising solution for a wide range of applications, including sustainable water treatment, adsorption, filtration, gas separation, energy production, etc. Water treatment and reuse, one of most important issues in membrane separation technologies, are also dealt with in this Special Issue. The results of tradational and advanced technologies in water treatment and reuse are encouraged to submit to this Issue.

This Special Issue of membrane application, entitled "Membrane Separation and Water Treatment: Modeling and Application", is interested in the following areas:
(i) the physical, chemical, and biological treatment and reuse of water and wastewater;
(ii) modeling for physical, chemical, and biological treatment and the resue of water and wastewater;
(iii) adsorption of activated sludge;
(iv) chemical filtration;
(v) gas separation;
(vi) energy storage and utilization.

Guest Editors

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Deadline for manuscript submissions

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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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