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Wastewater Treatment by Membrane

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Deadline for manuscript submissions:

16 December 2024

Message from the Guest Editors

Dear Colleagues,

With the potential to bridge economic and sustainability gaps, membrane technology has reached the point where treated wastewater can be successfully reused for industrial, agricultural, and domestic purposes and offers many perspectives in wastewater treatment processes. This Special Issue invites original research papers and reviews on the removal of pollutants from wastewater, involving novel methods and new materials in various aspects of wastewater treatment, with a special focus on wastewater treatment utilizing membrane technology.

Subject areas may include, but are not limited to, the following:

- Membrane process;
- Advanced membrane separation;
- Ionic resource recovery;
- Ammonia nitrogen removal;
- Electro-driven membrane;
- Production of by-products during wastewater treatment;
- Removal of refractory organic pollutants in water;
- Other water treatment technologies, such as advanced oxidation processes, photocatalysis, electrocatalysis, and electrodialysis.

Please follow the link to the Special Issue Website at:

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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.

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