



water



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Photocatalytic Wastewater Treatment: Recent Advances and Prospects for Sustainable Clean Water Supply

Guest Editor:

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Deadline for manuscript submissions:

31 December 2024

Message from the Guest Editor

Photocatalytic wastewater treatment emerges as an efficient, environmentally friendly, and adaptable solution to various water sources, making it a promising option for cleaning wastewater, yet is limited in terms of its affordable scalability. This Special Issue aims to cover a comprehensive range of topics within the domain of photocatalysis in treating wastewater. We believe that your expertise in this field would greatly enrich our Special Issue and contribute to the advancement of knowledge in this critical area. We encourage submissions that address, but are not limited to, the following themes:

- Photocatalytic reactor designs and optimization;
- Catalyst materials and their development;
- Operational strategies and scale-up considerations;
- Novel approaches and emerging technologies;
- Assessment of environmental impact and sustainability;
- Economic feasibility and cost effectiveness.



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Special Issue



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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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