Special Issue

Wastewater Treatment and Reuse: Process and Technology

Message from the Guest Editors

This Special Issue aims to present comprehensive insights into the evolving methodologies and advanced technologies for effective wastewater treatment and sustainable reuse. Acknowledging the significant role of water for life and development, this issue primarily focuses on fostering a deeper understanding of the potential wastewater holds, if treated and reused effectively. Our focus encompasses both conventional and emerging technologies, spanning the range from physicochemical and biological treatment methods to innovative membrane processes, photocatalytic degradation, and advanced oxidation processes. Moreover, we will explore the latest trends in smart and green technologies, such as AI-powered treatment systems and energy-efficient, nature-based solutions. For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/9VZ6DYU97T

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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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