Special Issue

Innovative Approaches in Wastewater Treatment: Bioremediation and Nutrient Recovery for Emerging Contaminants

Message from the Guest Editors

This Special Issue aims to explore innovative approaches and advancements in bioremediation techniques and nutrient recovery systems specifically tailored towards addressing emerging pollutants in wastewater. With escalating concerns about pollutants like pharmaceuticals, microplastics, and other emerging contaminants, this Special Issue focuses on cutting-edge research, methodologies, and case studies showcasing the efficacy of bioremediation strategies. Additionally, it delves into integrating nutrient recovery processes within wastewater treatment, emphasizing sustainable and eco-friendly solutions that not only remove pollutants but also harness valuable resources from wastewater streams. This collection of contributions will offer insights into the latest breakthroughs, challenges, and future directions in the field, presenting a comprehensive understanding of the pivotal role of bioremediation and nutrient recovery in mitigating the impacts of emerging pollutants on the environment and human health.

Guest Editors

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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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