

Special Issue

Advances in Sustainable Water and Wastewater Treatment: Emerging Technologies and Solutions

Message from the Guest Editors

This Special Issue explores the latest innovations and methodologies in the field of sustainable water and wastewater treatment, with a focus on emerging technologies and solutions. The scope of this SI encompasses the development and application of cutting-edge technologies such as the removal of micro-pollutants, the treatment of refractory wastewater, carbon reduction technology for wastewater, and biological treatment systems. Additionally, this Special Issue covers the biological metabolism model, bioreactor model, the pollution and removal of heavy metals from wastewater, the resource utilization of wastewater, and other topics. The purpose of this SI is to promote sustainable water and wastewater treatment, explore the advances in low-energy and low-carbon wastewater treatment technologies, and minimize the impact of water pollutants on the environment. By examining case studies and recent advancements, this Special Issue aims to highlight practical and scalable solutions that can be implemented worldwide and serve as good examples for the advancement of water and wastewater treatment technology. We look forward to receiving your contributions.

Guest Editors

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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