Special Issue

Research on Sustainable Wastewater Treatment

Message from the Guest Editors

We have launched a Special Issue on "Research on Sustainable Wastewater Treatment", focusing on wastewater treatment technologies that integrate resource/energy recovery and carbon reduction. The scope of submission includes research on new wastewater resource recovery technologies, research on new wastewater energy recovery technologies, research on energy-saving and consumption-reducing wastewater treatment technologies, carbon reduction assessment of wastewater treatment processes, full life-cycle assessment based on wastewater treatment, etc. The purpose of this Special Issue is to provide technical reserves for the long-term development of wastewater treatment technology and contribute to mitigating energy shortages and carbon emissions. There is a lack of research on sustainable wastewater. treatment in the existing literature, which focuses more on pollutant removal from water and lacks a full lifecycle assessment of treatment technologies. So this Special Issue is a timely supplement to the existing literature.

Guest Editors

Dr. Longyi Lv

Prof. Dr. Duoying Zhang

Dr. Wenfang Gao

Dr. Li Sun

Deadline for manuscript submissions

closed (30 September 2025)



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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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

Prof. Dr. Steve W. Lyon

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