

Special Issue

Sustainable Water Futures: Integrated Approaches for Water and Wastewater Treatment and Reuse

Message from the Guest Editor

Probably the most urgent global concern for sustainable development is water pollution and shortage. The aim of this Special Issue, "Sustainable Water Futures: Integrated Approaches for Water and Wastewater Treatment and Reuse," is to promote resource-efficient, environmentally friendly, and integrated approaches to water and wastewater management. The scope covers both nature-based and advanced technologies, such as membrane systems, advanced oxidation, sorption technologies, bio- electrochemical processes, engineered wetlands, and new sorbent materials intended for the selective removal of contaminants. Green innovations, adsorption-driven technologies, and bio-based sorbents will be highlighted as essential instruments for lowering chemical usage and its environmental impact. This Special Issue integrates technological, ecological, and socio-economic perspectives to promote interdisciplinary discussion. By demonstrating sustainability measures, monitoring tools, and governance structures that facilitate real-world application, it seeks to close the gap between engineering innovations and policy frameworks.

Guest Editor

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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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