

Special Issue

Sustainable Water Management: Pollution Control and Environmental Sustainability

Message from the Guest Editors

Water resource management must address both the quantitative and qualitative dimensions of water scarcity. While water quantities may at times be sufficient, water quality is increasingly threatened by a wide range of pollutants, creating significant challenges for managers and policymakers. Sources of pollution are becoming more diverse, with most of them stemming from human activities such as agriculture, wastewater discharge, mining, and industrial processes. Besides, the growing presence of emerging pollutants, raises new concerns for public health and environmental sustainability. Understanding the origins of these pollutants, as well as the physical, chemical, and biological processes that govern their fate, is crucial for developing strategies to safeguard water resources. Consequently, the main objective of this Special Issue is to highlight innovative approaches and cutting-edge technologies that can provide effective solutions for protecting water quality and ecosystems. By advancing knowledge and offering practical tools, this collection aims to support evidence-based decision-making and guide policies toward more sustainable and resilient water management practices.

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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

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