

Special Issue

Innovative Materials for Sustainable Water Remediation Technologies

Message from the Guest Editor

Contributions are encouraged to explore natural and engineered materials and interdisciplinary approaches combining materials science, environmental engineering, and computational modeling. The Special Issue will also address the scalability of these technologies, bridging the gap between laboratory research and real-world application, and emphasizing life cycle assessments and circular economy principles to ensure environmental and economic sustainability. This Special Issue will provide a valuable resource for scientists, engineers, and policymakers seeking sustainable solutions for water remediation. It will supplement the existing literature by focusing on the integration of advanced materials into practical systems, evaluating their performance using rigorous sustainability metrics, and exploring their role in achieving global sustainability goals such as SDG 6 (Clean Water and Sanitation) and SDG 12 (Responsible Consumption and Production). Ultimately, this collection aims to foster innovation and collaboration to develop next-generation water treatment technologies that are both effective and sustainable.

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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