Special Issue

Sustainable Remediation of Soil and Water Contaminant: Innovations and Practices

Message from the Guest Editors

This Special Issue aims to publish innovative works focusing on the research and development of catalytically degrading materials and the pilot application of novel techniques, e.g., advanced oxidation–reduction, physical desorption, immobilization, phytoremediation, microbial degradation, in situ biological process, recycle/reuse, and engineering terms for the removal of contaminants in soil and water. We aim to publish experimental and theoretical studies on remediation mechanisms and environmental risk assessment in association with the service for sustainable remediation,

The topics of interest for this Special Issue include, but are not limited to, the following:

Environmental hazards of new contaminants in soil and water:

Bioavailability and biological effect;

Concentration-response relationships;

Models developed for risk assessment:

Novel development of remediation methods and materials:

Degradation or biotransformation mechanism of contaminants;

Practice of

physical/chemical/microbial/phytoremediation; Models and framework for evaluation of remediation sustainability.

Guest Editors

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Deadline for manuscript submissions

closed (20 September 2024)



Sustainability

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Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/190808

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About the Journal

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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