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

Dr. Chenggang Gu

CAS Key Laboratory of Soil Environment and Pollution Remediation, Institute of Soil Science, Chinese Academy of Sciences, Nanjing 210008, China

Prof. Dr. Huan He

School of Environment, Nanjing Normal University, Nanjing 210023, China

Deadline for manuscript submissions

closed (20 September 2024)

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/si/190808

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

mdpi.com/journal/sustainability

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/journal/sustainability

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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen
Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)