

Special Issue

Advances in Heavy Metals Contaminated Soil Management for Sustainable Agriculture and Environment

Message from the Guest Editors

The heavy metal pollution of soil has become a global ecological and environmental concern. It is of great importance to develop cheaper, environmentally friendly and sustainable approaches to manage and rehabilitate heavy-metal-contaminated soils. In this Special Issue, original research articles as well as review articles are welcomed. Research areas may include the following:

- Recent technologies for sustainable soil remediation and rehabilitation;
- Efficient management of heavy-metal-contaminated soils using sustainable and greener technologies;
- Immobilization of heavy metals in contaminated agricultural soils for better crop production;
- Ecological risks associated with heavy metal uptake by crops and its management;
- Stabilization of industrial, mining, and urban contaminated soils;
- Designing biochar-based adsorptive materials for the efficient immobilization of heavy metals in contaminated soils;
- Pollution indexing and health risk assessment of soil heavy metals at contaminated sites;
- Synthesis and design of new immobilizing agents for the immobilization and rehabilitation of metal-contaminated soils, improving their quality.

Guest Editors

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Dr. Munir Ahmad

Prof. Dr. Abdullah Alfarraj

Deadline for manuscript submissions

closed (30 November 2022)



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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. *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

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