Special Issue

Microbial Bioremediation of Heavy Metals for Soil and Water Conservation

Message from the Guest Editors

Heavy metal pollution represents an important environmental issue that leads to serious ecological and health problems due to the toxic effects of metals, and their accumulation throughout the food chain. Use of natural sources, including microorganisms such as bacteria, fungi, and algae, to reclaim the natural environment and resources is highly recommended. In this context, microbial use to exterminate toxic metal ions from the soil and wastewater provides the foundation for green chemistry by helping in the sustainable management of land and to minimize the loop of sustainable economy. New research is always needed to favour continuous updates in the respective field of research. Papers received for this Special Issue will be subject to a rigorous peer review procedure with the aim of rapid and wide dissemination of research outcomes, new developments, and applications.

- heavy metals
- microorganisms
- metal detoxification
- bioremediation

Guest Editors

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Deadline for manuscript submissions

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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. *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

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