

## 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

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### Guest Editors

Dr. Abdul Rehman

Dr. Yasir Rehman

Dr. Zaman Khan

Dr. Amina Elahi

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### Deadline for manuscript submissions

closed (31 December 2022)



## Sustainability

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*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

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