Special Issue

Remediation Technologies for Metal-Contaminated Soil and Wastewater

Message from the Guest Editor

This Special Issue aims to provide a comprehensive platform for the latest advances in remediation technologies targeting metal-contaminated soil and wastewater. Topics of interest include, but are not limited to, the following:

- Physicochemical remediation technologies (e.g., adsorption, ion exchange, precipitation, membrane processes)
- Electrochemical remediation technologies
- Biological and nature-based solutions (e.g., phytoremediation, bioremediation, microbial processes)
- Soil washing, stabilization/solidification and immobilization techniques
- Integrated and hybrid remediation systems
- Advances in green sustainable remediation technologies
- Remediation of mining-impacted soils and industrial wastewater
- Nanomaterials and advanced functional materials for metal removal
- Use of green sustainable sorbents (zeolites, clays, waste-derived sorbents) for wastewater and soil treatment
- Treatment technologies for wastewater and groundwater
- Recovery and reuse of metals from contaminated matrices
- Field-scale applications, pilot studies and performance evaluation
- Environmental risk assessment and sustainability analysis of remediation technologies

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Editor-in-Chief

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Author Benefits

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 26.7 days after submission; acceptance to publication is undertaken in 5.6 days (median values for papers published in this journal in the second half of 2025).