

Special Issue

Advances in Heavy Metal Contaminated Soil and Water Remediation

Message from the Guest Editor

Topics of interest include, but are not limited to:

- Innovative materials for heavy metal remediation (e.g., biochar, nanomaterials, composite amendments);
- Biological and ecological remediation (e.g., phytoremediation, microbial processes);
- Physicochemical techniques (e.g., adsorption, electrokinetic remediation, soil washing);
- Coupled remediation strategies and synergistic effects;
- Soil and groundwater monitoring and modeling of heavy metal behavior;
- Risk assessment and management of heavy metal contamination;
- Field trials and case studies demonstrating remediation effectiveness;
- Advances in analytical techniques for heavy metal speciation and bioavailability;
- Remediation in mining, agricultural, or urban settings;
- Innovate materials for heavy metal removal (e.g., MOF (Metal Organic Frameworks)).

Guest Editor

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