



Advanced Developments and Research on Sustainable Management of Industrial and Mining Contaminated Soils

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Message from the Guest Editors

Various sources of pollutants can increase the levels of heavy metals in different environmental compartments. Potentially toxic metals sources for the soil can be lithogenic or anthropogenic. Anthropogenic activities due to rapid urbanization and industrialization could result in the release of high quantities of undesirable potentially toxic metals into the environment. Generally, potentially toxic metals are considered the most dangerous contaminants because of their non-degradability and long-term persistence in the environment. Potentially toxic metals may be released into the environment through vehicle emissions, by chemical industries, mining activities, coal combustion, in municipal solid waste, and as dust particles deposited onto the soil surface. Therefore, it is essential to develop sustainable approaches (including the development of new toxic metal-immobilizing agents) to manage and rehabilitate metal-contaminated soils.

This Special Issue aims to collect and present breakthrough research on the remediation and rehabilitation of metal-contaminated soils.





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Message from the Editor-in-Chief

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