



Sustainable Remediation for Immobilization, Removal or Detoxification of Emerging Contaminants in Soil

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Message from the Guest Editor

Soil is one of the most important natural resources, providing a wide range of goods and services, and chemical pollution is one of the greatest threats to it. Emerging contaminants (e.g., heavy metals, metalloids, PFAS, and microplastics) can accumulate in soil, potentially having toxic effects on human health and ecosystems and threatening the sustainable use and management of soil resources. Therefore, soil remediation is urgently required in order to clean contaminated soils.

This Special Issue seeks contributions that focus on key topics:

- Sustainable ex-situ and in situ soil remediation based on single or integrated physical, chemical, biological, and thermal processes;
- Synthesis, characterization, and application of sustainable soil additives for the immobilization or removal of emerging contaminants from soils;
- Holistic assessment of sustainable remediation of contaminated soils;
- Management of the waste generated during sustainable remediation.





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Message from the Editor-in-Chief

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