

Special Issue

Sustainable Remediation of Contaminated Soils through Phytoremediation

Message from the Guest Editors

This Special Issue aims to bring light on environmental as well as legal, health, nutritional, agricultural, socio-economic, technological and institutional aspects of phytoremediation. The goal of this Special Issue is to exhibit practices that have the potential to cost-effectively address the problem of soil pollution but also call attention to obstacles that need to be overcome for phytoremediation to be a safe and sustainable option for remediation of polluted soil. Soil pollution is a serious threat to human health, food security and economies worldwide. Accordingly, we invite submissions from various disciplines, in the context of (but not limited to) concerns such as:

- Identification of appropriate species for phytoremediation
- Quantitative assessments such as mass balance analysis to determine phytoremediation potential
- Mapping of bioaccumulation and translocation patterns of organic and inorganic soil pollutants
- Postharvest treatment of the biomass used for phytoextraction
- Potential for value-adding of phytoremediation by multifunctional land use
- Amelioration of phytoremediation by the use of surfactants, chelating agents, plant-associated microorganisms, etc.

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Deadline for manuscript submissions

closed (15 November 2022)



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