



Remediation of Heavy Metals-Contaminated Soils

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Deadline for manuscript
submissions:

closed (10 January 2023)

Message from the Guest Editors

Anthropogenic and natural processes have led to the spread of chemical contamination in soils. Soil pollution with heavy metals (HMs) has become one of the most serious problems in agriculture, as it not only reduces crop yield, but also negatively affects human and animal health. The main threat of HMs is their tendency to accumulate in the soil and their weak degradation over time, which result in toxicity. Currently, there are many methods that can be used for remediation, both ex situ and in situ approaches, but they are unable to fully eliminate toxic elements. Each of the many remediation methods used has both advantages and disadvantages. The search for optimal ways to obtain and use the best method is a priority and urgent task facing researchers in solving the problem of soil pollution with heavy metals.

This Special Issue focuses on the development all remediation methods established to purify soils from HM pollution, reduce the availability of HMs in soils, improve the physical and chemical properties of the soil and, in general, increase soil fertility and the quality and quantity of crops.





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Message from the Editor-in-Chief

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