

Special Issue

Remediation Techniques to Mitigate the Effects of Soil Pollution by Heavy Metals

Message from the Guest Editors

Soil plays a fundamental role in food safety, and the adverse effects of contaminants on crops and vegetables pose severe threats to human health. In recent years, soil contamination by heavy metals has garnered widespread attention. Heavy metals in soils can be contributed by both natural and anthropogenic sources, such as mining, smelting, fossil fuel combustion, industrial production, and agrochemical applications. The transformation and accumulation of heavy metals in soils, their consequent risks, and pollution control and remediation measures are important topics in the field of environmental research. Generally, reducing the emission from various sources is an effective strategy for improving soil quality, and remediation techniques have been developed to clean up or restore polluted soils. These remediation methods may employ different working mechanisms and have specific advantages and limitations. This Special Issue aims to share the experiences and knowledge in the field of heavy metal soil pollution and remediation techniques. We welcome submissions of both original research articles and reviews.

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