

Special Issue

Novel Technologies for Heavy Metals Removal from Contaminated Soil

Message from the Guest Editors

Heavy metal pollution is a major global concern as human activities such as ore mining and smelting, industrial activities, agriculture, and improper disposal of waste increase the input of this element to environmental components. The major purpose of environmental remediation is to restore contaminated sites or resources to reduce the negative impact of the pollutants on human health and the environment. There are various remediation technologies, e.g., thermal techniques, physical and chemical techniques, and biological techniques such as microbial degradation and phytoremediation; however, there are still multiple challenges associated with remediation as heavy metals are considered as potentially toxic to soil biota and plants, reducing the effectiveness and efficiency of the process. This Special Issue welcomes articles on these and other themes relating to soil heavy metal pollution and remediation.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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