

Special Issue

Remediation of Heavy Metal Contamination in Industrial Sites and Agriculture Land

Message from the Guest Editor

Heavy metal contamination, which is in urgent need of remediation, occurs at industrial sites in cities such as chemical plants, or where now-decommissioned mines used to operate, as well as agricultural land near large mining and smelting plants. The goals of remediation are to meet the impending demands of urbanization, ecological restoration, and food safety. Thus far, various materials and techniques have been developed for the remediation of heavy metal contamination in industrial sites and on agriculture land; however, more cost-effective approaches must be developed. This Special Issue is dedicated to new perspectives of remediation materials and techniques. Topics include but are not limited to: novel, developed, or natural remediation materials for the remediation of cationic and oxyanionic heavy metals, chemical solidification/stabilization, chemical washing, chemical oxidation/reduction, phytoremediation, bioremediation, microbe-assisted phytoremediation, etc.; comprehensive remediation strategies and methodologies for mitigating heavy metal hazards in industrial sites and agricultural land. Pilot and field experiments will be considered as priority submissions.

Guest Editor

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Deadline for manuscript submissions

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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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