

Special Issue

Sustainable Phytoremediation of the Polluted Soil

Message from the Guest Editors

Heavy metal contamination is a common environmental problem worldwide and is a serious threat to wild, agricultural and aquatic ecosystems, as well as human health. Their removal from the soil and water usually requires technologies such as reverse-osmosis, ion-exchange, electrodialysis, adsorption, etc. Most of them are quite expensive, energy intensive and metal specific. Phytoremediation is a biological, cost-effective and eco-friendly clean-up methodology that uses plants and their associating micro-organisms to degrade, remove or remediate contaminants from soil and water and for the restoration of their properties. This Special Issue will cover the following themes: phytoremediation; eutrophication in aquatic ecosystems; water and sediment pollution; wetlands remediation; soil remediation; modeling of heavy metal uptake; and bioindicators. The goal of this Special Issue is to provide assessment, evaluation and solutions for the problems related to soil/sediment and water pollution.

Guest Editors

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Prof. Dr. Tarek M. Galal

Deadline for manuscript submissions

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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