Special Issue

Geography of Soil Contamination for Polluted Sites Characterization and Precision Remediation

Message from the Guest Editors

Soil contamination is a worldwide problem which degrades soils and comes with high costs for the community. The spatial variability of contamination is a crucial problem when evaluations are required to address reclamation or phytoremediation on agricultural or industrial contaminated sites, because location, content, nature, and form of potentially toxic elements (PTE) are usually little-known. Proper investigation tools are necessary to identify the geography of soil contamination, as well as the variability (in space and depth) of soil chemical, physical, and hydrological properties, because they affect the soil's capacity to filter and buffer contaminants, and to degrade and attenuate the negative effects of PTE. Under this perspective, the Special Issue wants to contribute to the research area, presenting the most relevant advances in this field related (but not limited) to the following topics: proximal sensors; pollution assessment; soil properties' variability; soil contamination; precision remediation; soil hydrological properties' modeling

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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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