



Contamination and Bioremediation of Agricultural Soils

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Message from the Guest Editor

Agricultural soils can be contaminated with a number of substances such as petroleum hydrocarbons, pesticides and heavy metals. These substances adversely affect the physical, chemical and biological properties of the soil, leading to lower soil productivity. Moreover, these pollutants adversely affect the growth and development of cultivated plants. In addition, they can be transported from the soil through plants to the next links in the trophic chain, causing far-reaching effects on the environment and humans. In efforts aimed at the decontamination and remediation of toxic substances in the soil, there has been increased importance of using biological methods. These are effective, advantageous in economic terms and safe for the natural environment and show remarkably rapid action.

This Special Issue aims to collect papers focusing on recent scientific progress and innovation in bioremediation approaches applied to contaminated soil in agriculture. Moreover, the Guest Editor and Editorial Board welcome papers on the indirect effects of pollutants in/bioremediation techniques for soil on further elements of the agricultural environment, i.e., plants, herbivores and predators.





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Message from the Editor-in-Chief

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