



Bioremediation of Contaminated Soil in Agriculture

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Message from the Guest Editors

Dear colleagues,

While modern agriculture benefits humankind by producing more foods it has also led to contamination of agricultural soils with thousands of chemicals including pesticides, herbicides and petroleum hydrocarbons. Many of these compounds have been shown as potentially harmful and hazardous; thus there is an urgent requirement to remove these pollutants from agricultural soils. Cleaning polluted agricultural soils offers unique challenges as the soil must be treated to allow its safe reuse. Bioremediation, using microbes to degrade the pollutants represents a promising technology. This Special Issue will focus on “Bioremediation of Contaminated Soil in Agriculture”. We welcome novel research, reviews and opinion pieces covering all related topics including remediation of agricultural soils contaminated with pesticides, herbicides, fungicides; the use of beneficial microorganisms in bioremediation; assessments of microbial communities in polluted agricultural lands; management solutions.

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