



Phytoremediation Technologies for Soil and Water Resources Conservation

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Message from the Guest Editors

Soil and water are fundamental natural resources that are indispensable for living organisms, including human beings, to sustain their lives on the earth. However, soil and water contamination has become a globally common environmental problem that poses a significant risk to earth ecology, human health, and the lives of organisms. There is a great need for the development and practical application of effective technologies for use in both the remediation and conservation of contaminated soil and water resources.

Phytoremediation is an umbrella term for a set of technologies that utilize natural plants and their associated microorganisms for the treatment of contaminated or degraded environmental matrices without damage to the function of natural resources. It has a great potential and has gained increasing attention as a natural, low-cost and eco-friendly technology in the remediation and conservation of soil and water resources.

The aims of this Special Issue are to gather worldwide novel research in the field of phytoremediation related to soil and water resources and to provide future research directions.





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