

Special Issue

New Insights into the Application of Microorganism-Assisted Phytoremediation in Contaminated Soil

Message from the Guest Editors

Soil pollution is the problem leading to the decrease of soil quality. Most of soil microorganisms and plant associated microbiota is capable of producing substances promoting plant growth and thus protecting plants. Microorganisms and plants are able to cope with pollutants (organics, inorganics, heavy metals). Combining these two features may increase soil remediation efficiency with microbial inclusion. It is important to study mutualistic plant–microorganism systems to better understand their relationships and the role of both in soil remediation, which is the aim of this Special Issue—“New insights into the application of microorganism-assisted phytoremediation in contaminated soil”. We welcome studies showing new insights into the application of microorganism-assisted phytoremediation of contaminated soil, description of new microorganisms and research surrounding their role in both promoting plant growth and supporting soil phytoremediation. The outcome of the Special Issue will provide biotechnological tools for improving soil remediation, which will improve soil quality.

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