



Toxic Metal in Soil-Plant Systems

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue addresses the processes of trace-metal cycling in contaminated ecosystems and the mechanisms of plant–microbe–metal interactions, under both benign and stressful environmental conditions. We will highlight: 1) recent progress in fundamental research (e.g., the sources and fates of toxic metals in ecosystems, metal toxicities and metal cycling in a wide range of different ecosystems, toxic metals in the soil and associated growing plants), 2) applied experimental studies aimed at promoting environmental remediation (e.g., amelioration, restoration and remediation technologies for toxic metal contaminated soils), and 3) emerging biotechnologies that substantially enhance remediation efficiency.

We welcome contributions dissecting the mechanisms underlying interactions among plant, soil microorganisms and toxic metals in the soil. We encourage the submission of manuscripts focusing on toxic metal induced molecular, cellular and physicochemical changes in plants. Original research and reviews are particularly welcome.

Dr. Ying Ma
Guest Editor





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Message from the Editor-in-Chief

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