



## Phytotoxicity of Heavy Metals in Contaminated Soils

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Deadline for manuscript  
submissions:

**closed (31 March 2023)**

### Message from the Guest Editors

Dear Colleagues,

The presence of inorganic pollutants in soils (e.g., heavy metals) is one of the most serious environmental problems around the world. After the use of different remediation techniques, the control of metal toxicity can be easily assessed by the determination of phytotoxicity for native or introduced plants. This Special Issue aims to recruit recent research studies on the remediation and restoration techniques in heavy-metal-polluted soils and the determination of potential toxic effects from phytotoxicity observations.

- Amendments and management of agricultural soils to control the phytotoxicity and bioaccumulation of metals in crops;
- Species resistant to metal toxicity and their possible use in phytoremediation;
- Application of omics-based tools in the risk assessment of metals and metal-based nanoparticles;
- Development of predictive models for quantifying metal bioavailability and phytotoxicity;
- Metal mixture interactions at the toxicokinetic and toxicodynamic phases in soil–plant systems;
- Application of technosols for the remediation of contaminated soils and their effect on the vegetation cover.





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## Message from the Editor-in-Chief

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