

Special Issue

Heavy Metal Contamination in Plants and Soil

Message from the Guest Editors

This Special Issue seeks submissions on heavy metal contamination in plants and soils, including research articles, reviews, and methodological papers. Topics of interest include, but are not limited to, the following:

- Mechanisms of metal uptake and detoxification in plants;
- Soil–plant interactions affecting metal bioavailability;
- Phytoremediation and biofortification strategies;
- Application of ecological and agronomic strategies;
- Comprehensive impacts of remediation measures on soil health and food safety;
- Application of omics and computational approaches;
- Sustainable mitigation techniques like biochar and genetic engineering;
- Policy and risk assessments.

We encourage studies from molecular to field levels, involving model plants, crops, and wild species, including unsuccessful cases and analyses of their causes.

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About the Journal

Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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