

Special Issue

Advances in Phytoremediation of Contaminated Environments

Message from the Guest Editors

This Special Issue of "Advances in Phytoremediation of Contaminated Environments" in *Plants* will highlight research on the following topics:

- **Application of phytoremediation for cleaning contaminated environments:** Using processes like phytoextraction, phytostabilization, phytodegradation, or other phytoremediation processes can help uptake, sequester, or remove contaminants from polluted air, soil, and water.
- **Enhancing phytoremediation efficiency:** Using strategies such as applying chelators or introducing microorganisms can improve contaminant uptake, degradation, and stabilization.
- **Utilization of phytoremediation biomass:** Methods can be used to recycle or reuse harvested plant biomass (e.g., for bioenergy or biochar), transforming waste into valuable resources while preventing secondary pollution.

We invite the submission of original research and review articles **addressing these themes** from fundamental laboratory experiments to bench-scale investigations, pilot trials, and full-scale field implementations.

Guest Editors

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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, 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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