

## Special Issue

# Soil Heavy Metal Pollution and Agricultural Product Quality

### Message from the Guest Editors

With the increase in agricultural inputs and rapid industrialization, soil heavy metal pollution has become an important factor affecting the quality of the ecological environment and human health. However, most heavy metal pollutants in soil do not undergo chemical and microbial degradation, leading to their accumulation in soil and subsequent absorption by crops. This poses a threat to the safety and quality of agricultural products. Researchers around the world are invited to contribute relevant papers to this Special Issue. Possible topics include, but are not limited to, the following:

- Effects of heavy metals on the biological characteristics and nutritional quality of agricultural products;
- Migration and transformation of heavy metals in soil-plant systems;
- Soil heavy metal remediation agents based on physical, chemical, or biological methods and their remediation mechanisms;
- Agronomic measures to control heavy metals in agricultural products;
- Novel technologies for the safe utilization of heavy-metal-polluted farmland and their application;
- Source apportionment and risk assessment for heavy metals in agricultural soil and products.

### Guest Editors

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### Deadline for manuscript submissions

20 August 2025



## Plants

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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