

## Special Issue

# Migration and Diffusion of Heavy Metals and Metalloids in Agri-Soil Systems

### Message from the Guest Editors

Agricultural soil is a long-term sink for heavy metals and metalloids. The accumulation, diffusion, and migration of heavy metals and metalloids in agricultural soil systems pose a serious threat to the health of the agricultural ecosystem, animals, and humans. Therefore, it is of vital importance to gain a deeper understanding of the characteristics of diffusion and migration of heavy metals and metalloids in agricultural soil systems. This Special Issue welcomes scientific contributions to the aforementioned topic. High-quality original research and reviews are accepted. Areas of interest for this Special Issue include, but are not limited to, the following:

- The migration and transformation of heavy metals and metalloids in soil and plants;
- Sources and accumulation of heavy metals and metalloids in agricultural systems;
- Distribution and forms of metal(loid)s in agri-soil systems;
- Environmental or health risk assessment on the migration of metal(loid)s;
- Mathematical modeling and numerical simulation for the migration of metal(loid)s on regional or large scales;
- Amendments to reduce the bioavailability and plant accumulation of metal(loid)s in agricultural soil.

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### Guest Editors

Dr. Zhiming Zhang  
Prof. Dr. Rupali Datta  
Dr. Chenxi Zhai

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### Deadline for manuscript submissions

closed (5 September 2025)



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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### Editor-in-Chief

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