

## Special Issue

# Plant–Soil Interaction Response to Global Change

### Message from the Guest Editors

Plant roots control nearly half of the carbon cycle of global terrestrial ecosystems. Soil organisms can influence the quality and availability of soil nutrients, which, in turn, affects plant performance and how plants respond to global change. On the other hand, plants can alter the composition of the rhizosphere of soil through the production of litter and the release of root exudates, fueling plant–soil feedback loops, with potential consequences at different ecological levels. Such interactions occur not only in natural environments, but also in artificial environments, significantly affecting human life and driving current and future ecological methods and policies. The present Topic on plant–soil interactions aims to create a representative and updated collection of research articles and reviews regarding the main processes that shape the links between plants and the soil system and their response to environmental changes.

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### Guest Editors

Prof. Dr. Chunwang Xiao  
Dr. Congcong Liu  
Dr. Wenchen Song

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### Deadline for manuscript submissions

closed (31 July 2024)



## Plants

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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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### Editor-in-Chief

Prof. Dr. Dilantha Fernando  
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