

## Special Issue

# Plant–Soil–Microbes: A Tripartite Interaction for Better Soil Quality and Crop Growth

### Message from the Guest Editors

The intricate interplay between plants, soil, and microbes forms the foundation of sustainable agriculture and ecosystem health and understanding these interactions is essential for the development of strategies that improve soil quality and promote crop growth. This Special Issue seeks to explore the latest advancements in the field of plant–soil–microbe interactions, emphasizing their impact on soil health and crop productivity. We aim to highlight pioneering research that clarifies the mechanisms behind these interactions, including microbial community dynamics, root exudates, and symbiotic relationships. We welcome submissions of original research articles, reviews, and opinion pieces addressing a broad range of topics, including but not limited to: microbial diversity and its role in soil health; plant–microbe interactions within sustainable farming systems; innovative agricultural practices that enhance plant–soil–microbe interactions; the role of soil microbes in plant stress resistance and resilience; and ecological engineering strategies to optimize plant–soil–microbe systems.

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### Guest Editors

Dr. Chen Chen

Dr. Xihui Xu

Dr. Zhenzhu Su

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### Deadline for manuscript submissions

closed (25 April 2026)



## 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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