

Special Issue

Microbial Interactions and Functions in Agricultural Ecosystems

Message from the Guest Editors

This Special Issue will focus on the following topics:

- Exploring the contributions of soil and rhizosphere microbes to nutrient dynamics, soil structure, and plant health;
- Examining how climate change, synthetic materials, and agricultural practices alter microbial community functions;
- Decoding the complex interactions between plants and microbes using multi-omics technologies and simulation modeling;
- Developing strategies to enhance microbial communities to improve crop productivity and sustainability.

Guest Editors

Dr. Tanvi Govil

Dr. Daniel Owens

Dr. Heidi Sieverding

Deadline for manuscript submissions

closed (25 February 2026)



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Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

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Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

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Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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