

Special Issue

Plant–Microbe Interactions: Key Mechanisms in Agroecosystems

Message from the Guest Editors

Plant-associated microbes are the most important part of agroecosystems, participating in energy flow and material cycling processes, and their community structure is considered a sensitive bioindicator for early warning of changes in agroecosystems. The structure and diversity of plant-associated microbial communities are influenced by agricultural practices. In addition, the application of microorganisms has enormous implications for sustainable agriculture. Therefore, exploring the relationship between crops and their associated microbes in different agroecosystems can effectively reveal the mechanisms by which agricultural activities affect the structure, function, and stability of soil ecosystems. With this Special Issue of *Agronomy*, we aim to provide a forum for researchers to share the latest findings on the relationship between crop and microbial structure and diversity in various agroecosystems. This Special Issue welcomes submissions of high-quality original research and review articles.

Guest Editors

Dr. Tengxiang Lian

Dr. Xin Sui

Dr. Shuai Zhao

Deadline for manuscript submissions

closed (31 July 2023)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/153473

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

[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)



About the Journal

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.

Agronomy is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Editor-in-Chief

Prof. Dr. Leslie A. Weston

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)