

Special Issue

Novel Agroecological Strategies Based on Beneficial Microbes

Message from the Guest Editors

The use of beneficial microbes, along with appropriate agricultural management, provides a clean eco-friendly strategy to increase crop productivity, to manage environmental stress, and to combat biotic pests, through mechanisms which are not fully understood. A better understanding of how plant–microbe interactions occur and identification of the mechanisms responsible for the synergistic outcomes will help to establish the way in which these mechanisms improve plant health, thus allowing the design of new and improved strategies for a future integrated agriculture with neutral environmental impacts. This special issue is dedicated to the most recent research focused on crop improvement using beneficial microbes or their products to accelerate the application of greener agricultural practices. In the scope of sustainable farming, manuscripts dedicated to advancing our understanding of plant–microbe interactions are most welcome.

Guest Editors

Dr. Jorge M. S. Faria

Dr. Clarisse Brigido

Dr. Esther Menéndez

Deadline for manuscript submissions

closed (28 February 2023)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/83561

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)