

## Special Issue

# Innovative Biofertilizers: An Eco-Friendly Approach for Soil Improvement

### Message from the Guest Editors

The direct and indirect actions of plant-associated microbes have led to opportunities to develop a sustainable environment for agriculture and land use. To advance soil health and farmers' prosperity, agriculturists are paying strong attention to natural and biologically safe biofertilizers. Potential microbial agents are screened and selected for application based on their properties and compatibility with the crop and related stressors. This Special Issue covers biofertilizers that help to alleviate soil-health-related issues such as low nutrient content, salinity, low water availability, and heavy metal pollution, as well as biotic factors such as pathogenic microbes and insects. Another important area of research is microbial intervention in organic farming, which could open up opportunities to valorize household and farmland waste via its transformation into active biofertilizer. Cutting-edge research and reviews related to microbial resource diversity and interactions (individual and consortia) with regard to improvements in plant recovery and crop productivity are welcome.

---

### Guest Editors

Dr. Devendra Jain

Dr. Sudhir K. Upadhyay

Dr. Esther Menéndez

---

### Deadline for manuscript submissions

closed (31 August 2023)



## Agronomy

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.7



[mdpi.com/si/158218](https://mdpi.com/si/158218)

*Agronomy*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agronomy@mdpi.com](mailto: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)