



## From Soil-Plant-Microbial Interactions to New-Concept Biopesticides and Biofertilizers

Guest Editor:

### Dr. Nazrul Islam

Semiarid Prairie Agricultural  
Research Centre, Agriculture and  
Agri-Food Canada, Swift Current,  
SK S9H 3X2, Canada

Deadline for manuscript  
submissions:

**15 July 2024**

### Message from the Guest Editor

A growing worldwide concern is the injudicious use of agrochemicals such as fertilizer, fungicide, insecticide or soil treatments in intensive crop production systems, posing major threats to environmental pollution, health hazards and global food security. The aim of this Special Issue is to publish original research and review articles on the understanding of the interactions among microbiomes, soils, environments, above- as well as belowground climates and crop varieties. We are particularly interested to apprehend the agronomic challenges and prospects of these biotechnological products in growers' field and greenhouse conditions. Therefore, the submission of research articles that examine innovative approaches, not limited to the formulation of biofertilizer/inoculant, bioefficacy, bioremediation and environmental consequences at the molecular, cellular and metagenomics levels, are welcome.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Peter Langridge**

School of Agriculture, Food and  
Wine, University of Adelaide,  
Urrbrae, SA 5064, Australia

## 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.

## 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*)

## Contact Us

---

*Agronomy* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/agronomy  
agronomy@mdpi.com  
X@Agronomy\_Mdpi