

## Special Issue

# Soil Health and Its Role in Crop Protection

### Message from the Guest Editor

Soil health plays an important role in crop protection. In soil with continuous cropping year-round, soilborne pathogenic fungi, bacteria, and nematodes continue to accumulate, which can easily lead to the outbreak and spread of soilborne diseases, causing widespread disease and even whole-plant death, resulting in serious yield reduction and economic losses that cannot be compensated for. Therefore, soil health is extremely important. Before planting crops, it is necessary to check the soil health status, monitor the population density of pathogenic bacteria and nematodes in the soil, and if necessary, carry out soil disinfection treatment before planting, which can effectively reduce the occurrence of pests and diseases in the middle stage of crop growth and ensure the healthy and sustainable development of crops.

---

### Guest Editor

Dr. Yuan Li

Institute of Plant Protection, Chinese Academy of Agricultural Sciences, Beijing 100193, China

---

### Deadline for manuscript submissions

closed (20 October 2025)



## Plants

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 7.6  
Indexed in PubMed



[mdpi.com/si/215920](https://mdpi.com/si/215920)

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

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





# Plants

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 7.6  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

---

### Editor-in-Chief

Prof. Dr. Dilantha Fernando  
Department of Plant Science, University of Manitoba, Winnipeg, MB  
R3T 2N2, Canada

---

### 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), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)