



*plants*



an Open Access Journal by MDPI

## Plant-Parasitic Nematode

Guest Editors:

**Prof. Dr. Zhenchuan Mao**

Institute of Vegetables and  
Flowers, Chinese Academy of  
Agricultural Sciences, Beijing  
100081, China

**Dr. Jianlong Zhao**

Institute of Vegetables and  
Flowers, Chinese Academy of  
Agricultural Sciences, Beijing  
100081, China

Deadline for manuscript  
submissions:

**closed (20 March 2024)**

### Message from the Guest Editors

This Special Issue, “Plant-Parasitic Nematode”, will contribute to the exchange of research on agricultural production. Plant-parasitic nematodes are found across the globe and cause huge agricultural losses every year. In light of changes in cultivation modes, climate change and the progress of world trade, many plant-parasitic nematode diseases continue to spread and new potentially dangerous pathogenic nematode species are found continually. Plant nematode diseases are complex and changeable. Research on plant-parasitic nematodes will provide an important basis for the control of plant-parasitic nematodes, with benefits for agricultural production and ecology.

This Special Issue will focus on original research on plant-parasitic nematodes, including diagnostics, monitoring, risk assessment, integrated control, epidemic characteristics, plant-nematode molecular interactions, pathogenicity, plant pathology, plant-nematode-resistant genes, new biotechnological and molecular approaches to plant-parasitic nematodes, etc.



[mdpi.com/si/163461](https://mdpi.com/si/163461)

# Special Issue



# *plants*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Dilantha Fernando**

Department of Plant Science,  
University of Manitoba, Winnipeg,  
MB R3T 2N2, Canada

## 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, 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.

## 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](#), [CAPus / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

## Contact Us

---

*Plants* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/plants](http://mdpi.com/journal/plants)  
[plants@mdpi.com](mailto:plants@mdpi.com)  
[X@Plants\\_MDPI](https://twitter.com/Plants_MDPI)