

Special Issue

Maintenance and Function of Biodiversity in Forests

Message from the Guest Editors

As an important component of the terrestrial ecosystem, forests play an irreplaceable role in biodiversity protection and maintenance and provide ecosystem functioning, such as carbon sequestration, nutrient cycle, water conservation, and ecosystem stability. Over the past several decades, however, global forests are undergoing unprecedented pressure from anthropogenic disturbances and climate change, leading to a rapid decline in biodiversity due to fragmentation, deforestation, and degradation. To improve our understanding of the underlying mechanism of maintenance and function of biodiversity in forests, we have launched this Special Issue to bring together successful case studies, lessons learned, and experiences on, but are not limited to, the following: community assembly, species coexistence, above- and below-ground biotic interactions and their ecological consequences across different trophic levels across varied spatial and temporal scales, the effect of forest biodiversity on ecosystem multifunctionality and/or stability, response of function of biodiversity to environmental change and its mechanisms.

Guest Editors

Prof. Dr. Xugao Wang

Prof. Dr. Zuoqiang Yuan

Prof. Dr. Chengjin Chu

Deadline for manuscript submissions

closed (10 November 2024)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/131270

Plants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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, 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)