

Topical Collection

Forest Environment and Ecology

Message from the Collection Editors

Forests provide innumerable ecological, social, and economic services. Besides providing food, water, air, and shelter for humans, they also mitigate climate change by acting as carbon sinks via carbon sequestration. However, forests are under threat and pressure amid changes in climate and land use, which cause significant alterations in the forest environment in many regions. The capacity of the forest to support the forest plant community (especially trees) depends on factors of its physical environment, such as precipitation, temperature, soil, light, etc. Because the climate is continuously changing, we must be able to fully understand the interactions between the physical and biological environments to help predict forest growth and tree survival, especially during restoration and regeneration processes.

Collection Editors

Prof. Byung Bae Park

Department of Environment and Forest Resources, College of Agriculture and Life Sciences, Chungnam National University, Daejeon 34134, Korea

Prof. Dr. LERMA SJ. MALDIA

Department of Forest Biological Sciences, College of Forestry and Natural Resources, University of the Philippines Los Baños, 4031 Los Baños, College, Laguna, Philippines



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/46789

Plants

Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
plants@mdpi.com

mdpi.com/journal/

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





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)