



Plant Phylogeny, Taxonomy and Evolution

Guest Editor:

Dr. Wenpan Dong

Laboratory of Systematic
Evolution and Biogeography of
Woody Plants, School of Ecology
and Nature Conservation, Beijing
Forestry University, Beijing,
100083, China

Deadline for manuscript
submissions:

30 August 2024

Message from the Guest Editor

Dear Colleagues,

Taxonomy, systematics, and phylogeny are all sciences that complement each other and are disciplines that aim to study and classify the variability of species and their distribution. Developing a detailed estimate of plant phylogeny is the key first step toward a more sophisticated and particularized understanding of plant evolution. In the same way, the light on the connection between character evolution and diversification improves our understanding of green plant phylogeny. Besides, those disciplines also have an important role to play in the discovery and conservation of plant diversity.

We aim to elucidate the cause and evolutionary history of the current pattern of plant species diversity from the macro (species level) and micro (population level) scales, and from the relationship between historical changes and environment-heredity-evolution. This Special Issue focuses on the phylogenetic relationships and molecular evolution of various plant genomes.

If you are interested in contributing to this Special Issue, please contact us at your earliest convenience. We looking forward to hearing from you.





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, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Plant Sciences*) / CiteScore - Q1 (*Plant Science*)

Contact Us

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

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

mdpi.com/journal/plants
plants@mdpi.com
[X@Plants_MDPI](https://twitter.com/Plants_MDPI)