Special Issue

Genomic and Functional Insights into Gene Families for Stress Resilience and Development in Woody Plants

Message from the Guest Editor

The growth of woody plants is determined by a complex interplay of stress. The functional characterization of gene families provides an overall understanding of their functions under different physiological conditions, thus providing valuable information concerning the candidate genes potentially associated with stress tolerance in woody plants. This Special Issue aims to present a collection of studies that highlight genomic and functional insights into the gene families associated with environmental adaptability for stress resilience and development in woody plants.

Guest Editor

Dr. Jinhui Chen School of Forestry, Hainan University, Haikou 570228, China

Deadline for manuscript submissions

30 June 2026



Plants

an Open Access Journal by MDPI

Impact Factor 4.1 CiteScore 7.6 Indexed in PubMed



mdpi.com/si/227646

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

mdpi.com/journal/plants





Plants

an Open Access Journal by MDPI

Impact Factor 4.1 CiteScore 7.6 Indexed in PubMed



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)

