

Special Issue

Abiotic Stress Tolerance in Crop and Medical Plants

Message from the Guest Editor

Global climate change and environmental pollution substantially restrict crop growth and development, which highlights the need to develop and research new crop species with increased tolerance to various abiotic stresses. In recent years, there is an increasing interest in clarifying the mechanisms of plant adaptation and tolerance against environmental stress. The current Special Issue will also draw attention to medicinal plants (herbs) and the effects of drought, salt, light, temperature, and heavy metal stresses on their adaptation mechanisms and secondary metabolite production. Scientists from all over the world are invited to submit original research and review articles on topics related to crop and medical plant tolerance to adverse environmental conditions.

Guest Editor

Prof. Dr. Anelia Dobrikova

Institute of Biophysics and Biomedical Engineering, Bulgarian Academy of Sciences, 1113 Sofia, Bulgaria

Deadline for manuscript submissions

closed (31 March 2021)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 6.5
Indexed in PubMed



mdpi.com/si/40599

Plants

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 4.0
CiteScore 6.5
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, and 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)