



plants



an Open Access Journal by MDPI

Abiotic Stress Responses in Plants

Guest Editors:

Dr. Marilena Ronzan

Bioinspired Soft Robotics
Laboratory, Istituto Italiano di
Tecnologia, Via Morego 30, 16163
Genova, Italy

**Dr. Marzena Sujkowska-
Rybkowska**

Department of Botany, Institute
of Biology, Warsaw University of
Life Sciences SGGW, 02-787
Warsaw, Poland

Message from the Guest Editors

Abiotic stress is a significant concern due to its effects on plant survival and productivity; it is responsible for significant losses in crop production worldwide. Therefore, more research is needed to understand the mechanisms different plant species exploit in response to abiotic stress on molecular, cellular, tissue, anatomical, morphological, and physiological levels. This Special Issue of Plants proposes to collect as much information as possible on the responses of plants to abiotic stress and to propose novel solutions to increase the adaptability of the plants to the stress perceived.

Deadline for manuscript
submissions:

30 November 2024



mdpi.com/si/182489

Special Issue



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 (Ecology, Evolution, Behavior and Systematics)

Contact Us

Plants Editorial Office
MDPI, Grosspeteranlage 5
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)