



plants



an Open Access Journal by MDPI

Silicon Effects on Stress in Plants

Guest Editors:

Dr. Sylvia Lindberg

Dept. of Ecology, Environment and Plant Sciences, Stockholm University, SE-114 18 Stockholm, Sweden

Dr. Ahmad Humayan Kabir

Molecular Plant Physiology Laboratory, Department of Botany, University of Rajshahi, Rajshahi 6205, Bangladesh

Deadline for manuscript submissions:

closed (28 February 2022)

Message from the Guest Editors

To improve plant growth under abiotic stress, it is important to get new information on toxic ion uptake in the absence and presence of Si, and on transporters involved and how they are affected by Si.

Keywords

- abiotic stress
- genes involved
- silicon
- tolerance
- uptake mechanisms



mdpi.com/si/64057

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)