

Special Issue

The Impacts of Anthropogenic Environmental Changes on the Antioxidative Systems in Crops

Message from the Guest Editors

The aim of this Special Issue of *Plants* is to summarize the responses of plants to changing anthropogenic environments, mainly focusing on antioxidative systems. Guest editors kindly ask scientists to submit their original research or review articles related to following topics:

Influence of heavy metal and aluminum toxicity on antioxidative enzymes

Influence of water imbalance and drought stress on oxidative damage

Stress response of plants, changes in antioxidative metabolism, and plant tolerance to adverse environmental conditions

Unsustainable water management in crops and its effect on the changes of the antioxidative enzymes' activity

Effects of water and/or soil salinity on crops

Effects of high temperature on antioxidative systems of crops

Effects of biostimulants/biofertilizers on the antioxidative system of abiotic stressed crop plants

Guest Editors

Dr. Brigitta Tóth

Institute of Food Science, Faculty of Agricultural and Food Sciences and Environmental Management, University of Debrecen, H-4032 Debrecen, Hungary

Dr. Makoena Joyce Moloi

Institute of Plant Science, Faculty of Natural and Agricultural Science, University of the Free State, Bloemfontein 9300, South Africa

Deadline for manuscript submissions

closed (31 August 2021)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/69790

Plants
Editorial Office
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 4.1
CiteScore 7.6
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, 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)