



Tolerance and Response of Ornamental Plants to Abiotic Stress

Guest Editors:

Dr. Zhouli Liu

College of Life Science and
Engineering, Shenyang
University, Shenyang 110044,
China

Dr. Yi Zhao

School of Chemistry and
Environmental Engineering,
Liaoning University of
Technology, Jinzhou 121001,
China

Deadline for manuscript
submissions:

27 September 2024

Message from the Guest Editors

Ornamental plants are not only very important in environmental decoration but also have wonderful mechanisms for dealing with soil contamination, maintaining a balance between carbon dioxide and oxygen in the environment, purifying the air, controlling the humidity, reducing dust and noise, etc.

This Special Issue welcomes the submission of studies that explore the effect of different abiotic stresses on ornamental plants, including research in relation to the growth, development, uptake, accumulation and tolerance capacity, oxidative stress, antioxidative and molecular response, induced defense mechanisms, toxicity effects, etc., of ornamental plants.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Luigi De Bellis

Department of Biological and Environmental Sciences and Technologies, Università del Salento, Centro Ecotekne, Via Provinciale Lecce Monteroni, 73100 Lecce, Italy

Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

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), PubAg, AGRIS, FSTA, and other databases.

Journal Rank: JCR - Q1 (*Horticulture*) / CiteScore - Q2 (*Horticulture*)

Contact Us

Horticulturae Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/horticulturae
horticulturae@mdpi.com
X@Horticul_MDPI