Special Issue

Tolerance and Response of Ornamental Plants to Abiotic Stress

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.

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

closed (10 December 2024)



Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 5.1



mdpi.com/si/183914

Horticulturae
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
horticulturae@mdpi.com

mdpi.com/journal/ horticulturae





Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 5.1



About the Journal

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.

Editor-in-Chief

Prof. Dr. Luigi De Bellis

Department of Biological and Environmental Sciences and Technologies (DiSTeBA), Salento University, 73100 Lecce, Italy

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 - Q1 (Horticulture)

