

Special Issue

The Response Mechanisms of Trees under Abiotic Stresses

Message from the Guest Editors

The exploration of the response mechanisms of trees under environmental stresses is of great significance to improve plant production and environmental protection. The goal of this Special Issue is to present an overview of the fundamental discoveries in the field of the response mechanisms of trees under abiotic stresses such as drought, atmospheric nitrogen deposition, soil acidification and salinization. We welcome submissions of different types of manuscripts, including original research papers, reviews, and methods, including but not limited to field experiment, applied molecular or omics research regarding fruits, vegetables, floriculture, nursery and ornamental woody plants, herbs, etc.

Guest Editors

Dr. Yang Liu

1. College of Jiyang, Zhejiang A&F University, Zhuji 311800, China
2. Zhejiang Provincial Key Laboratory of Resources Protection and Innovation of Traditional Chinese Medicine, Zhejiang A&F University, Hangzhou 311300, China

Dr. Taikui Zhang

Department of Biology, The Huck Institutes of the Life Sciences, The Pennsylvania State University, University Park, PA 16802, USA

Deadline for manuscript submissions

closed (29 December 2023)



Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



mdpi.com/si/139364

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

[mdpi.com/journal/
horticulturae](https://mdpi.com/journal/horticulturae)





Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



[mdpi.com/journal/
horticulturae](https://mdpi.com/journal/horticulturae)



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, 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)