



an Open Access Journal by MDPI

# The Response Mechanisms of Trees under Abiotic Stresses

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

#### **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.

Deadline for manuscript submissions: closed (29 December 2023)



mdpi.com/si/139364







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, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/horticulturae horticulturae@mdpi.com X@Horticul\_MDPI