

# Special Issue

## Abiotic Stress Responses of Vegetable Crops

### Message from the Guest Editor

Vegetables are important horticultural crops and provide essential nutrients in everyone's daily life. However, during the growth and development, vegetables are frequently subjected to various environmental stresses, such as extreme temperatures, drought, salinity, and heavy metal pollution, causing yield and quality reductions as well as food safety concerns. Like other plants, vegetable crops first sense the external environmental stimuli and some signaling pathways are triggered, leading to alterations in gene expressions. These finally cause adaptive responses such as morphological, physiological, and biochemical modifications. This Special Issue aims to highlight recent advances in our understanding of the responses and adaptation mechanisms of vegetable crops to various abiotic stresses.

---

### Guest Editor

Prof. Dr. Haijun Gong  
College of Horticulture, Northwest A&F University, Yangling 712100, China

---

### Deadline for manuscript submissions

closed (28 February 2023)



## Horticulturae

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.1



[mdpi.com/si/88248](https://mdpi.com/si/88248)

*Horticulturae*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[horticulturae@mdpi.com](mailto:horticulturae@mdpi.com)

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





# Horticulturae

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.1



[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, 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)