

# Special Issue

## Advances in Abiotic Stress or Environmental Influence on Horticultural Traits of Garden Crops

### Message from the Guest Editors

Garden crops are increasingly subjected to various abiotic stresses, including extreme temperatures, drought, salinity, and nutrient deficiencies, which can significantly affect their growth, yield, and overall quality. With the ongoing challenges posed by climate change, the need to develop resilient crop varieties and implement effective management practices is more urgent than ever.

The purpose of this Special Issue, “Advances in Abiotic Stress or Environmental Influence on Horticultural Traits of Garden Crops”, is to present innovative research and state-of-the-art methodologies that address these critical issues. We seek to showcase studies that explore the physiological, biochemical, and molecular responses of garden crops to abiotic stresses, as well as the environmental factors that influence horticultural traits such as fruit production, fruit quality, nutritional content, pigment content and pest resistance, etc.

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### Guest Editors

Dr. Bo Zhou

Dr. Miao He

Dr. Tao Xu

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### Deadline for manuscript submissions

9 November 2025



# Horticulturae

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## 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.

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### Editor-in-Chief

Prof. Dr. Luigi De Bellis  
Department of Biological and Environmental Sciences and  
Technologies (DiSTeBA), Salento University, Lecce, Italy

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