

# Special Issue

## Emerging Insights into Horticultural Crop Ecophysiology

### Message from the Guest Editors

For this Special Issue, we invite studies regarding biotic and abiotic factors that could affect horticultural plant growth and development and further productivity. We welcome scientific articles and review articles on all aspects connected with plant physiology and the biochemistry of horticultural plants, natural resource improvement, and improving plants health and plant products. High-value vegetables and fruits are the result of different interacting factors. Key phenological growth stages are also of great interest when applying a technology, method, or innovation treatment to enhance yields and achieve “no hunger” sustainable developmental goals (SDGs). Maximizing yields while lowering the negative effects of ecophysiological stress by optimized plant responses is valuable when considering environmental factors such as temperature, light, or water availability. Applying strategies to different zones based on the communities’ preferences should be prioritized for horticultural farms, urban horticulture performance, and for greenhouses sustainable development.

### Guest Editors

Prof. Dr. Zhihui Cheng

Dr. Valentina Ancuța Stoian

Prof. Dr. Sorin Daniel Vatca

Dr. Bojana Brozović

### Deadline for manuscript submissions

5 December 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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