

# Special Issue

## Advances in Tree Crop Cultivation and Fruit Quality Assessment

### Message from the Guest Editors

This Special Issue explores cutting-edge sustainable cultivation techniques designed to enhance both environmental sustainability and fruit quality in tree crop systems. Methods such as deficit irrigation, the application of fertilizers produced from waste materials, and the use of modern rootstocks are examined for their potential to improve both crop performance and resource efficiency. Research articles and reviews encompassing the study of morphological, chemical, and physiological parameters as diagnostic tools, which are key indicators of plant health and response to these practices, will be highly appreciated. Additionally, the Special Issue “Advances in Tree Crop Cultivation and Fruit Quality Assessment” delves into the evaluation of fruit quality, with a focus on secondary metabolites and nutraceutical traits. Together, these insights offer a comprehensive understanding of how sustainable methods can promote both environmental stewardship and the production of high-quality, health-promoting fruits. This collection aims to provide a foundation for future advancements in sustainable tree crop cultivation.

### Guest Editors

Dr. Giovanni Gamba

Dr. Burak Akyüz

Dr. Dario Donno

### Deadline for manuscript submissions

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# Horticulturae

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### 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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