

# Special Issue

## Smart Horticulture: Latest Advances and Prospects

### Message from the Guest Editors

Smart technologies are arousing increasing interest in the horticultural sector as they enable real-time monitoring and fast decision making. Horticulture could benefit from the progress in sensing technologies, robotics and artificial intelligence by implementing new labour- and cost-saving approaches. Such approaches may reduce agricultural inputs, thus increasing farms' sustainability and resilience. However, the feasibility of a massive adoption of smart horticulture technologies is low unless some practical issues can be overcome. Farm size, cost-benefits analysis and farmers' acceptance constitute some aspects that research should address. This Special Issue aims to provide a global perspective of the opportunities and constraints of smart horticulture. Papers addressing the latest advances in smart technologies in the horticultural sector are welcomed. Moreover, research focusing on the prospects for technology adoption will also be considered. This Special Issue will accept original research papers, methods, reviews from a wide variety of perspectives.

### Guest Editors

Dr. Alessia Cogato

Dr. Marco Sozzi

Dr. Eve Laroche-Pinel

Dr. Nebojša Nikolić

### Deadline for manuscript submissions

closed (5 September 2024)



## Horticulturae

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

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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, 73100 Lecce, Italy

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