

Special Issue

Cultivation Practices and New Technologies in Sustainable Horticulture

Message from the Guest Editors

The inescapable worldwide imperative to promote a reduction in the use of chemical fertilizers and plant protection products. These strategies include innovative field and orchard management practices (e.g. multifunctional cover crops, flower strips, microbial-based fertilisers, etc.), to improve overall biodiversity and soil fertility. The use of organic fertilizers, especially those derived from recycled materials, along with plant extracts or essential oils and microbial-based biostimulants or biological controlling agents is also gaining increasing interest. However, several aspects of these innovative practices still need to be addressed to further promote their adoption in practice. This Special Issue welcomes both original research articles and reviews focused on the practices mentioned above and their assessed impacts by using diverse methods (e.g. agronomical, molecular, physiological, chemical/biochemical, physical, social science, and economic, etc.) that can shed light on and improve our understanding of sustainable horticulture.

Guest Editors

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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.

Editor-in-Chief

Prof. Dr. Luigi De Bellis
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