

Special Issue

Latest Advances in Horticulture Production Equipment and Technology

Message from the Guest Editors

Recent advances in the production of horticultural equipment and technology have significantly transformed the way crops are grown, harvested, and processed. Innovations in precision agriculture, such as automated systems and sensors, have enabled farmers to optimize resource use and enhance crop yields. Robotic harvesters and planters are increasing the speed and accuracy of planting and harvesting operations, while reducing labor costs. The integration of artificial intelligence and machine learning algorithms in horticulture equipment enables the use of predictive analytics, which can forecast crop diseases and pest infestations, thus enabling proactive management strategies. Furthermore, the use of renewable energy sources, such as solar-powered irrigation systems, is contributing to the development of sustainable farming practices.

Innovations in post-harvest technology, such as automated sorting and packaging machinery, have enhanced the quality and shelf-life of produce. These advancements collectively contribute to a more efficient, productive, and sustainable horticulture industry.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

Prof. Dr. Luigi De Bellis

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