

Special Issue

AI for a Precision and Resilient Horticulture

Message from the Guest Editors

In the face of global challenges such as climate change and population growth, agriculture is under increasing pressure to ensure a stable and sustainable food supply. In horticulture, this has led to growing interest in data-driven precision agriculture as a means of enhancing the stability, efficiency, and resilience of food production and distribution systems. Recent advances in artificial intelligence (AI) have played a key role in speeding up significant transformative changes across many industries, and horticulture is no exception. AI technologies are now well-positioned to accelerate the entire cycle of data acquisition, analysis, and application, thereby playing a pivotal role in the realization of precision agriculture. This Special Issue, "AI for precision and resilient horticulture," presents a wide range of research that explores and advances the integration of AI into precision agriculture in the field of 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

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