

Special Issue

Advancements in Controlled-Environment Horticulture

Message from the Guest Editors

Under the triple pressures of climate change, resource shortage, and population growth, controlled-environment horticulture has become the pivotal route to securing year-round, premium-quality supplies of vegetables, flowers, and seedlings. This Special Issue, “Advancements in Controlled-Environment Horticulture”, is designed to present state-of-the-art research that tackles these challenges through climate-resilient, resource-efficient, and sustainable production technologies. We invite novel studies on the precise regulation of light, temperature, humidity, CO₂, and nutrients, together with advanced disease monitoring, in greenhouses, plant factories, and vertical farms.

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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