

## Special Issue

# Innovations in Greenhouse Horticulture for Producing More With Less

### Message from the Guest Editors

This Special Issue 'Innovations in greenhouse horticulture for producing more with less' intends to publish research and review papers focusing on recent scientific progress and innovations made in greenhouse horticulture towards achieving higher production of horticultural crops from lesser use of inputs/resources (area, water, nutrient, energy, manpower, etc.). We welcome papers on the topic covering 'type of protective structure (hi-tech greenhouse to low-cost plastic/net cover and mulching), microclimate management (temperature, relative humidity, VPD, CO<sub>2</sub>, radiation and LED lighting, etc.) and cultivation system (soil or soilless-hydroponics or vertical farming), crop modeling and phenotyping, new cultivars or rootstocks, growing media, organic and inorganic nutrient sources, fertigation and irrigation strategies, and IoT in greenhouse operation. In addition, plant growth, physio-biochemistry and molecular responses associated with different biotic and abiotic stressors, and integration of biostimulants and plant growth-promoting compounds, and microorganisms with plants that help improve horticultural crops productivity and stress tolerance.

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### Guest Editors

Dr. Pradeep Kumar

Prof. Dr. Giuseppe Colla

Dr. Mariateresa Cardarelli

Dr. Pratapsingh Khapte

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### Deadline for manuscript submissions

closed (31 December 2023)



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### Message from the Editor-in-Chief

*Agronomy* draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

*Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

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### Editor-in-Chief

Prof. Dr. Leslie A. Weston

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