



Innovations in Greenhouse Horticulture for Producing More With Less

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Deadline for manuscript
submissions:

closed (31 December 2023)

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, CO₂, 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, fertilization 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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Message from the Editor-in-Chief

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