



Soilless Culture—An Intensive Production Method on Its Way to Sustainability

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Deadline for manuscript
submissions:
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Message from the Guest Editors

Dear Colleagues,

The prognosis suggests that the area of soilless culture will be dramatically increased in the future, both in protected and open field horticulture. This will be associated with the increased use of growing media in nurseries, herbaceous plants, such as vegetables, ornamentals, medicinal and aromatic plants, and some small fruits and woody crops. Soilless cultures are called intensive-sustainable systems. However, are they sustainable or on their way to being sustainable?

Today, solutions are needed to reduce or replace peat, increase nutrient and water use efficiency, and introduce circular waste flows. Using locally available and renewable raw materials, appropriate substrate mixtures, biostimulants, and adapted high techniques, such as Artificial Intelligence and the Internet of Things, could help us to construct a new strategy for cultivating soilless plants. This Special Issue aims to focus on recent progress in solutions to increase the sustainability of production in intensive horticulture without compromising yield and quality.





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Message from the Editor-in-Chief

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