

## Special Issue

# Effect of Growing Media on Plant Performance

### Message from the Guest Editors

Growing media are a fundamental part of growing plants in greenhouses, nurseries and in urban farming structures, including green roofs, since they provide water, nutrients, and support to plants. Indeed, the properties and applications of growing media must be harmonized with the response in terms of plant performance. When selecting a growing medium, understanding its features (physical, chemical, and biological) is critical since they influence plant responses and production costs. The absence of pests and pathogens is critical; however, biostability and biological inertia are also important criteria to consider, especially when extended crop growing cycles are utilized or the growing medium is reused between growing cycles. Understanding the adaptation mechanisms and performance of the plants involved when growing media are used is important to increasing yields and producing high-quality and safe produce, which are reflected in sustainable agronomic and environmental pathways to crop production. We invite papers which show how alternative growing media and growing media components affect the morphological, physiological, and biochemical properties of crops.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2025)



## Plants

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### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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### Editor-in-Chief

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