



## Advances in Greenhouse Horticulture

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### Message from the Collection Editors

Food security, supply chain issues and climate change are key challenges for horticultural production. Greenhouse production could be used to mitigate potential adverse effects of climate change and to address the above problems. However, greenhouse gas emissions associated with greenhouse production strategies are a central issue in many countries.

Renewable energy sources can lead to sustainable greenhouses. Moreover, consumers are asking for greenhouse products of a high quality and with a neutral environmental impact. The carbon footprint regarding horticultural production is an effective tool to strengthen the environmentally conscious purchasing behavior of the consumer.

The purpose of this Topical Collection titled “Advances in Greenhouse Horticulture” is to present innovative studies, tools, approaches and techniques, such as the use of biostimulant application, hydroponics systems, energy use efficiency and renewable energy technologies and any other innovation that has improved the efficiency and sustainability of greenhouse horticultural crops, for the production of high-quality commodities.





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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.

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