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Transformation toward Sustainability in Controlled Environment Agriculture

Guest Editor:

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Deadline for manuscript submissions:
closed (31 March 2022)

Message from the Guest Editor

Rapid population growth and urbanization have increased the demand for food production with less water, nutrients, and energy use. More sustainable and efficient food crop production systems are needed in urban areas to provide fresh and healthy produce to those in need.

Controlled-environment production systems (i.e., hydroponics, aquaponics, soilless substrates) are known to be most efficient, taking on an increasingly important role in food production systems. The current practices involving high resource inputs such as chemical fertilizer and energy will need to take an evolutionary leap forward to make the controlled environment agriculture more efficient.

Your contribution to this topic through a literature review or original research paper is welcome. I look forward to receiving your manuscript.

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Editor-in-Chief

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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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