



Sustainable Greenhouse Production strategies to Mitigate Product Carbon Footprint

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Deadline for manuscript
submissions:

30 June 2022

Message from the Guest Editors

Food production and consumption has a significant environmental impact and the current consensus is that we must move towards more sustainable practices. In this context, greenhouse gas emissions associated with greenhouse production strategies is a central issue in many countries.

The increase of resource use efficiency (IRUE) in terms of energy, water, nutrients and growing media use provides strategies to maximize production while taking measures against climate change. Renewable Energy Sources (RES) fit in this context, proving to be a useful tool for sustainable greenhouses. Currently, the knowledge concerning utilization of sustainable greenhouse production strategies and product carbon footprint is increasing. Still, many key points must be studied in depth regarding the sustainable use and reuse of energy, water, nutrients and growing media under different greenhouse types and locations around the world.

Based on these challenges, this Special Issue is welcoming papers, that provide insight into all topics related to sustainable greenhouse. Some perspectives on economic sustainability are also encouraged.





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