



Sustainable and Organic Farming of Vegetable Crops in Greenhouse and Open Field Systems

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Message from the Guest Editor

Agroecological approaches in sustainable and organic vegetable production are spread worldwide and contribute to find solutions on the global challenges of agri-food sector. This shift in vegetables cultivation becomes more important from the consumer awareness on food quality and on environmentally friendly production. Consequently, innovative systems in greenhouse and in open field under sustainable and organic farming framework have attracted increasing attention in both research and consumer community in recent years. Towards this direction, the environmental friendly cultivation methods, the use of innovative fertilizers, the water and the energy management, the new approaches for integrated pest management (e.g., against fungi, bacteria, insects, and weeds), the exploitation of allelopathy of plants, the renewable resources (such as the reuse of crop residues or by-products) valorization in the frame of circular economy, the development and application of soil amendments, biofertilizers or biostimulants, as well as issues related to the carbon or environmental footprint of vegetables cultivation are more imperative now than ever.





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Message from the Editor-in-Chief

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