Special Issue

New Methods and Tools for Resilient, Efficient and Sustainable Organic Vegetable Production

Message from the Guest Editors

Currently, many consumers are health conscious and aware of food quality, food safety, and environmental protection, leading to increasing demand for organic fresh products. Numerous studies on organic versus conventional crops have shown that organic fresh produce has significantly less chemical residue, are richer in antioxidant compounds. Organic agriculture is more sustainable for the environment, favoring biodiversity and reducing soil erosion and water pollution. Moreover, organic agriculture is an eco-friendly system, able to fix CO2 into soils, decreasing the greenhouses gases emissions.

The new challenge is to develop new tools and methods for resilient, efficient, and sustainable organic vegetable production, providing climate-resilient cultivars addressed to organic vegetable production systems to be used for organic growers, and the organic seed industry, providing much needed security both under current and future scenarios of climate change. Moreover, the research attention should be addressed also to the analyses of the effects of the organic methods on vegetables production and their quality from farm to fork, to meet the habits of consumers.

Guest Editors

Dr. Sergio Argento

Dr. Maria Grazia Melilli

Prof. Dr. Ferdinando Branca

Deadline for manuscript submissions

closed (30 July 2023)

Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.1

mdpi.com/si/142186

Horticulturae
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
horticulturae@mdpi.com

mdpi.com/journal/horticulturae

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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.

Editor-in-Chief

Prof. Dr. Luigi De Bellis
Department of Biological and Environmental Sciences and Technologies (DiSTeBA), Salento University, Lecce, Italy

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