

Special Issue

Advanced Greenhouse Horticulture: New Technologies and Cultivation Practices

Message from the Guest Editor

Greenhouse horticulture production is among the most intensive agricultural systems, requiring high inputs from growers. However, production practices have been changing due to the use of new technologies, increasing sensitivity to environmental issues, and consumer concerns about product quality, nutritional value, and safety, as well as adaptation to negative impacts of climate change.

The purpose of this Special Issue is to present innovative studies, tools, approaches, and techniques that have been successful in addressing some of these concerns, such as use of shadow nets, new substrates, floating systems, closed soilless growing systems, LED lighting, microenvironment modification, energy-saving technologies, soil and media health and properties, role of propagation material, and any other innovation that has improved the efficiency and sustainability of greenhouse horticultural crops, for the production of high quality commodities.

Guest Editor

Dr. Athanasios Koukounaras

Department of Horticulture, Aristotle University, 54124 Thessaloniki, Greece

Deadline for manuscript submissions

closed (28 February 2019)



Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



mdpi.com/si/17225

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

[mdpi.com/journal/
horticulturae](https://mdpi.com/journal/horticulturae)





Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



[mdpi.com/journal/
horticulturae](https://mdpi.com/journal/horticulturae)



About the Journal

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, FSTA, and other databases.

Journal Rank:

JCR - Q1 (Horticulture) / CiteScore - Q1 (Horticulture)