

Special Issue

Advances in Sustainable Cultivation of Horticultural Crops

Message from the Guest Editors

Horticulture can achieve high levels of sustainability if scientific and technological advances in various areas of knowledge are incorporated into production systems. Recent discoveries in areas such as nanotechnology, biotechnology, plant physiology, plant biochemistry, plant mineral nutrition and molecular biology have provided basic knowledge for the development of applied research in the generation of plant production techniques that have less impact on the quality of soil, water, the air, and human health and at the same time contribute to increasing food security. This Special Issue, entitled “Advances in Sustainable Cultivation of Horticultural Crops”, aims to present innovative studies as well as new methodological and technological approaches that can contribute to the development of horticulture, considering the principles of sustainability. We are pleased to invite you to submit original research articles or reviews that deal with the related topics.

Guest Editors

Prof. Dr. Josinaldo Lopes Araújo Rocha
Prof. Dr. Márcia Michelle Queiroz Ambrosio
Prof. Dr. Railene Hérica Carlos Rocha Araújo

Deadline for manuscript submissions

closed (30 September 2025)



Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.1



mdpi.com/si/190829

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 3.4
CiteScore 6.1



[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, 73100 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)