

Special Issue

Advances in Knowledge of Hydroponic and Aquaponic Systems

Message from the Guest Editors

In this Special Issue, we would like to explore new horizons on how to move the hydroponics and aquaponics industries into the future to provide nutritious diets to feed the additional 2.0 billion humans being added to our current population of 7.7 billion by 2050. We also need to understand how our current systems are working. We invite manuscripts that explore any aspect of this research topic, including new technologies and growing strategies, new aquaculture products such as seaweeds or other market driven products, review papers, and traditional research papers. Topics could include nutrient and physiological plant analyses and mass balances, to analyzing financial analysis of enterprise models, and everything in between. We look forward to receiving your manuscript. Keywords

- sustainable
- food security
- systems design
- plant physiology
- water chemistry
- mass balance

Guest Editors

Prof. Dr. Michael Timmons

Prof. Dr. Neil Mattson

Prof. Dr. Steven G. Hall

Deadline for manuscript submissions

closed (30 November 2019)



Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



mdpi.com/si/27090

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)