Special Issue

Aquaponics: Circular Sustainability for Food Security

Message from the Guest Editors

Aquaponics can provide technological solutions that are alternative for a world that is increasingly under stress through population growth, urbanization, water shortages, land and soil degradation, environmental pollution, world hunger, and climate change. Currently, the knowledge concerning aquaponics is increasing, but many key points have to be solved above all in the sphere of the productive sustainability of different species, in the management of nutrients provided by the breeding of fish, and in the dimensional and technological scalability of the system. Based on these challenges, this Special Issue welcomes original research papers, short communications, and review articles that provide insight into all topics related to aquaponics and crop cultivation in horticultural systems. The focus is on the agronomical, environmental, technological, and nutritional issues involved in meeting the high demands of consumers for fresh food characterized by high quality and production. Some perspectives on energy and economic sustainability are also encouraged. Keywords:

- aquaponics
- vegetables cultivation
- sustainability
- food quality
- nutrient balance

Guest Editors

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Deadline for manuscript submissions

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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

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