

Special Issue

Irrigation and Fertilization Management in Horticultural Production

Message from the Guest Editors

Improper irrigation and fertilization practices can result in resource wastage, soil erosion, environmental contamination, and a decline in crop quality, thereby jeopardizing the high yield and superior quality of horticultural crops. Given these challenges, adopting a scientific and rational approach to irrigation and fertilization management is crucial.

These topics will be covered in the Special Issue, "Irrigation and Fertilization Management of Horticultural Crops", which will particularly focus on several key areas:

- (1) Developing water-saving cultivation techniques tailored to the water requirements of horticultural Crops
- (2) examining the interaction between irrigation and fertilization
- (3) exploring and evaluating advanced equipment designed to boost the water productivity of horticultural crops through precise control of irrigation amount and timing
- (4) formulating specialized fertilizers and soil amendments that meet the unique requirements of various horticultural crops
- (5) assessing the environmental and economic implications of diverse irrigation management strategies to inform the creation of sustainable horticultural production practices.

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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
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