



Advanced of Horticulture Innovative Irrigation Technologies

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Irrigation allows one to obtain high vegetable crop yield, improving quality and ensuring greater flexibility in choosing crop rotations. The modernization process of the irrigation systems has made it possible to increase the efficiency of water use. However, in a context of climate change and increased demand for food, an update of irrigation equipment and devices and a review of management methods may be necessary. Emerging and innovative irrigation technologies, including site-specific crop management, have the potential to improve crop performances, applying water and agrochemicals more precisely to match the plant needs and reduce non-productive water use, developing resilient and stable production systems. This Special Issue will examine recent advances in irrigation approaches and technologies that can contribute to ensuring high quality and quantity vegetable production, increase water use efficiency, and improve long-term farm sustainability and profitability.





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Editor-in-Chief

Prof. Dr. Luigi De Bellis

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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.

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