

Special Issue

Innovative Technologies and Remote Sensing Methodologies for Irrigation Scheduling in Vegetable, Fruit and Ornamental Crops

Message from the Guest Editors

Efficient irrigation management is key for sustainable horticulture and its importance increases with climate change and limited resources. Remote sensing of crop water requirements using satellite or UAV (unmanned aircraft vehicle) imagery is possibly the most focused-upon research field in irrigation and water management. The non-contact and large-area detection of crops' supply status, combined with digitalized and automatable crop management, offers high potential for practical application. However, the technique is associated with various shortcomings for small-scale cultivation and for temperate climates with cloud formation. Thus, methodological and technical solutions are needed for improved spatial, temporal and spectral resolution, particularly for satellite imagery, of the area to be irrigated. This Special Issue will contribute to the exchange of opinions, discussions, and solutions to enhanced water management in irrigated horticulture by remote sensing technologies that address underexplored practical challenges through our forum and the publication of your research. We wish to promote the exchange of mature and new approaches between different countries.

Guest Editors

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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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