

Special Issue

Irrigation in Horticulture Production: Latest Advances and Prospects

Message from the Guest Editors

This Special Issue of *Horticulture* concerning the irrigation of horticultural plants is expected to address such topics as:

- The latest methods and prospects in the irrigation of horticultural plants under field and greenhouse conditions;
- Water deficit management for horticultural crops: irrigation methods, water application rates, irrigation timing, reducing water use;
- Effect of irrigation on the yield and quality of horticultural plants, including nutrients (health-beneficial compound content);
- Fertilisation and feeding of plants in irrigated crops (fertigation);
- Changes in the soil environment resulting from the irrigation of horticultural crops;
- Irrigation and health of horticultural plants;
- Weed infestation in irrigated crops—irrigation methods in relation to weed infestation, effectiveness of herbicides in irrigated crops;
- Modern and innovative irrigation methods—technology, equipment, methods of the assessment of irrigation needs;
- Possibilities of using waste water, sea water, saline water for the irrigation of horticultural plants, methods of desalinating water used in horticulture.

Guest Editors

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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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