Special Issue

Soil Science, Water and Nitrogen Management in Horticultural Production

Message from the Guest Editor

Water and nitrogen management have a decisive impact on plant growth and the quality of horticultural crops and nitrate contamination of the waters. Thus, improving the sustainability of the water and nitrogen application to horticultural crops without compromising the yield is a priority and a challenge. In irrigated crops, the integrated management of the water quantity and quality (irrigation scheduling and methods, water-saving strategies, etc.) and nitrogen fertilization (inorganic and organic) (amount supply, form and ratio, method of application, etc.) may be the first step to increase water productivity and nitrogen use efficiency, contributing to reduce nitrogen fertilizer application, the levels of nitrate in irrigation water, and nitrate leaching. This Special Issue will examine recent advances in horticultural practices and strategies that integrate the soil, water, and nitrates that can contribute to increased water and nitrogen use efficiency and reduce nitrate leaching.

Guest Editor

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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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