

Special Issue

Woody Crop Responses to Water Shortage: Impacts on Plant Physiology, Yield and Fruit Composition

Message from the Guest Editors

Water scarcity is an increasing threat in many parts of the world. With the agriculture sector accounting for 70% of water use worldwide, optimizing water management in agriculture has become critical to its sustainability. In this Special Issue we would like to collect the most recent research on woody crops (vineyards, citrus, olive trees, stone fruit trees, berries, etc.) focusing on fruit crop management strategies aimed at both saving water and improving water use efficiency, while maintaining profitability. We welcome research articles, reviews, and opinion articles dealing with any of these topics:

- Deficit irrigation strategies, including studies using nonconventional waters (e.g., saline or reclaimed water).
- Crop management practices, including studies dealing with plant density, soil management, irrigation systems, irrigation scheduling, canopy and crop load management, weed control, cover crops, mulching, etc.
- Identification and use of drought-tolerant genotypes (cultivars and rootstocks).
- Novel tools to better monitor and manage soil water content, plant water status, and plant water use.

Guest Editors

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Editor-in-Chief

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