



Physiological Responses of Tree Fruits to Environmental and Management Factors II

Guest Editor:

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Deadline for manuscript submissions:

closed (30 January 2023)

Message from the Guest Editor

Climatic changes and the sustainability of management practices are two major priorities for tree fruit scientists and growers. In the last few decades, plant molecular techniques have represented, and continue to represent, a very powerful tool.

Trees respond to external stimuli by adjusting several physiological processes. Hence, to understand why trees grow and produce differently under various environmental and management regimes, we need to acquire a full comprehension of these complex mechanisms and processes and their modulation in response to external factors.

Today, our understanding of whole-tree functioning as the integration of multiple physiological processes is suffering from, on one side, a knowledge gap with respect to advanced information on basic molecular mechanisms, and on the other side, the potential application of smart technologies for precise orchard management.

This Special Issue seeks to stimulate and collect these kinds of studies, keeping in mind that whole-tree fruit physiology must represent the basis for sustainable fruit production in a changing environment.





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Message from the Editor-in-Chief

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