

Special Issue

Advanced Studies in Fruit Trees under Water Stress

Message from the Guest Editors

As climate prediction models show increased occurrences of drought episodes, global crop production will continue to be challenged. Thus, effective strategies to develop more drought-tolerant varieties of fruit tree, capable of withstanding these environmental changes, are required to maintain sustainable crop production in the future. While drought episodes are most frequently mentioned when talking about water stress, recent studies and recent climatic events have shown that the effect of waterlogging stress in agriculture should not be underestimated. This Special Issue of *Horticulturae* will provide a current overview of the most significant research carried out in the field of water stress in fruit trees. We invite researchers to submit papers that highlight the genetic regulation of water stress, and the cellular, molecular, biochemical and physiological mechanisms relevant to water stress management. Original research (both primary and applied) is welcome, in addition to reviews summarising past works around this theme, bringing to light new scientific evidence.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2023)



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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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Technologies (DiSTeBA), Salento University, Lecce, Italy

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