

Special Issue

Abiotic Stress Responses of Plants

Message from the Guest Editor

Abiotic stresses present a substantial constraint for horticulture via their direct negative impact on plants. While some species are well equipped to withstand and adapt to some stress conditions, others are more vulnerable. A warmer and drier climate as a possible consequence of global warming is likely to exert additional pressures on plant tolerance and adaptive responses, with broader implications for horticulture, plant conservation, soil management, landscape design and restoration, and others. A rapidly increasing population and resulting demand for high-yield, nutritious, stress resistant crops call for current research to support production practices. We invite research, review, technical and modeling contributions, focusing on the impact of abiotic stress on edible or non-food plants, of high value for horticultural applications, in a broader context.

Keywords: abiotic stresses; climate change; stress tolerance; adaptive responses; nutrition; ROS

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2019)



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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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