



Ornamental Plants under Abiotic Stresses

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Message from the Guest Editors

Many environmental pressures are applied to plants that lower and restrict the yield and quality of crops, which is much more severe for ornamental plants for their marketability. Ornamental plants experience various environmental stresses naturally and artificially in the production process.

Drought, salt, extremely high or low temperatures (cold or heat), and light oxidative stress are representative abiotic stressors that frequently interact and cause cellular and functional damage. It is common for plants to experience abiotic stresses in the production environment, even in environmentally controlled greenhouses. This state causes complicated reactions in plants, reduces crop output, and is getting worse due to climate change. The ability of a plant to compartmentalize ions, create suitable solutes, synthesize particular proteins and metabolites, and trigger transcriptional factors are all associated with the process of tolerance.

This Special Issue prioritizes morphological, physiological, and molecular insights into plant tolerance responses to abiotic stress.





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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.

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