



Horticulture Plants Stress Physiology

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Message from the Guest Editor

Dear Colleagues,

Various stresses, such as biotic (fungi, bacteria, viruses, and insects) and abiotic stresses (drought, cold, heat, salinity, heavy metals, and ultraviolet radiation), largely influence plant development and crop productivity. To cope with these stresses, plants undergo a wide range of cellular, molecular, and physiological changes to respond and adapt to these kinds of stresses. Understanding the complexity of physiological factors that contribute to stress tolerance in horticultural crops is essential to maintaining the productivity and quality of these crops. Rapidly determining plant physiological information under different stresses is meaningful for plant growth and development regulation and helps us to understand the plant adaptive mechanism. This current Special Issue involves studies focusing on the effects of stresses on horticultural plants and physiological mechanisms of plant adaptation to different stresses. For this Special Issue, we encourage scientists to submit their studies in the form of research articles, review papers, and short communications related to the study of tolerance mechanisms of horticultural crops to various stresses.





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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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