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Abiotic Stress Effects on Performance of Horticultural Crops

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Deadline for manuscript submissions:
closed (30 November 2018)

Message from the Guest Editors

Horticultural crop yield and quality depend on genotype, environmental conditions, and production management. In particular, adverse environmental conditions may greatly affect crop performance, reducing crop yield by 50%–70%. Abiotic stresses such as cold, heat, drought, flooding, salinity, nutrient deficiency, heavy metals, etc. affect multiple physiological and biochemical mechanisms in plants. However, different crop species have different sensitivity or tolerance to specific abiotic stresses. In each crop species, there is a wide variability of tolerance to abiotic stresses, and some wild relatives may carry useful traits for enhancing the tolerance to abiotic stresses in their progeny. Understanding the abiotic stresses and plant hormone interaction is becoming crucial in crop management.

Research articles, reviews, short notes, and opinion articles related to tolerance to abiotic stresses, plant growth regulator application, genotype variability and crop tolerance as well as physiological, biochemical and molecular studies focused on these issues are welcome for our current Special Issue on "Abiotic Stress Effects on Performance of Horticultural Crops".

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Special Issue

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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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