Special Issue

Temperature Stress (Heat and Cold): Response, Mitigation and Tolerance in Horticultural Plants

Message from the Guest Editors

Temperature stress (heat and cold) adversely affects plant growth, yield, quality, and development, as well as plant physiological and biochemical processes. Plants exposed to extreme temperatures (hot and old) may have serious, even deadly, adverse consequences. Plants have developed a wide range of strategies to minimize stress and damage under such circumstances. However, climate change has adversely affected temperature stress, which is significant and may help us better prepare for a warmer future. This Special Issue focuses on the effects of temperature stress on horticultural crops on a morphological, physiological, biochemical, and molecular processes. Alleviation strategies powered by plant adaptation and acclimation mechanisms, as well as cultivar tolerance, are all within the scope of this Special Issue. In this Special Issue, original research articles and reviews are welcome.

Guest Editors

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Deadline for manuscript submissions

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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

Prof. Dr. Luigi De Bellis
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