

Special Issue

Effects of Environmental Changes on Fruit Production

Message from the Guest Editors

Fruit production faces numerous challenges worldwide, with unpredictable changes in environmental conditions emerging as a major concern. These changes significantly impact the phenological cycle of fruit crops, affecting flowering, fruit set, and ultimately the overall fruit quality and yield. Climate change is primarily leading to increased global temperatures; that said, it has also intensified extreme weather events such as heatwaves and shifts in rainfall patterns. Additionally, unpredictable environmental changes are also expected to compromise the fulfilment of chilling requirements, impact pollination and fertilization processes, and potentially to increase the prevalence of pests and diseases. This Special Issue, “Effects of Environmental Changes on Fruit Production”, aims to enhance the understanding of how various environmental factors influence fruit production across both perennial and annual fruit crops. We welcome the submission of original research and review articles that explore experimental approaches to mitigate climate change effects, including crop management and breeding strategies.

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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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