Special Issue

Machine Learning-Inspired Cultivation Strategies of Horticultural Crops Under Climate Change

Message from the Guest Editors

In the context of climate change, adapting the cultivation parameters of crops based on climate specifics is crucial to a solid production. Knowledge on extreme weather anomalies and the resistance of non-irrigated crops in a dynamic climate zone can help horticultors adapt faster to mitigate the rapid effects of climate change. Machine learning is frequently used to forecast crop production based on the date of sowing and meteorological conditions. Regression algorithms can be used to find connections and schedule agricultural practices to maximize output in the context of climate change. Computer vision can help monitor plant growth, ripening processes, and yield distribution. We invite researchers in the fields of horticulture, intelligent agriculture, machine learning, and related domains to propose research papers in this multidisciplinary topic.

Guest Editors

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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

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