

Special Issue

Protected Fruit Tree Cultivation as a Response to Climate Change Process

Message from the Guest Editors

Nowadays, fruit production is becoming increasingly unprofitable and risky due to the ongoing climate change processes that are causing large-scale damages owing to more severe and frequent storm occurrence, frost damage, excessive temperatures, etc. Not long ago, such devastating weather conditions were considered to be a rarity, while these days they have become a common phenomenon. This Special Issue is aiming to include the studies whose goal is to mitigate undesirable aforementioned occurrences. Higher protection levels should be achieved by the implementation of various smart protective solutions. These solutions can include fruit tree cultivation in greenhouses or net application in open orchards. Net application in fruit production has lately undergone a big shift, due to the production of new net types with additional protective properties (e.g., against insects) in addition to standard ones or with light manipulation properties by adding certain additives. Moreover, agrivoltaic presents new technology that combines plant protection with renewable energy production, and thus, at the same time, achieving plant protection and a reduction in carbon footprint.

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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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