Special Issue

Resilience to Biotic and Environmental Stresses in Horticultural Crops

Message from the Guest Editors

Environmental stresses limit crop productivity and are a major constraint on global food security for the ever-growing population. As a consequence of global climate change, abiotic stresses, and botic agents will be more prevalent in the coming years. Abiotic and biotic stresses cause various kinds of morphological, physiological, biochemical, and genomic modulations, resulting in a reduction in plant growth, productivity, and produce quality in horticultural crops. Scientist throughout the world are working on different aspects and strategies, such as nutrient management, soil amendments, breeding for tolerant varieties, stress inducers, crop modelling and remote sensing, biostimulants and biopesticides, nano fertilizers, unmaned aerial vehicles (UAV), high throughput phenotyping, and many more. Thus, in this Special Issue, we aim to publish research articles and reviews on various strategies effective in improving horticultural crops resilience to biotic and environmental stresses. This Special Issue will serve as a foundation for the sustainable production of horticultural crops in a climate change scenario.

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Deadline for manuscript submissions

closed (31 January 2023)

Agronomy

an Open Access Journal by MDPI

Impact Factor 3.4
CiteScore 6.7

mdpi.com/si/74669

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