Special Issue

Environmental Stresses and Horticulture Crop Yields

Message from the Guest Editors

Plants are constantly exposed to extreme environmental conditions, which can cause physiological, biochemical and nutritional disorders that affect, above all, the growth and yield of horticultural species, such as fruit, vegetable, ornamental, medicinal and spice plants. Climate change forecasts and population growth in the coming decades are the main challenges to horticultural production around the world. Therefore, this Special Issue focuses on the theme "effects of environmental stresses (water, salts, nutritional deficiency, pollution, heavy metals, temperature and toxicity) on the morphophysiological, anatomical, biochemical, nutritional aspects and on the yield and quality of horticultural crops". Strategies that mitigate the damage caused by environmental stress(es) related to nutritional, hormonal and cultivation environment management, as well as the anatomical, physiological and biochemical mechanisms involved with the adaptability and acclimatization of plants and the identification of species and genotypes tolerant to environmental stress with an emphasis on horticultural species, are within the scope of this Special Issue.

Guest Editors

Prof. Dr. Antônio Gustavo de Luna Souto

Prof. Dr. Francisco Vanies Da Silva Sá

Prof. Dr. João Everthon Da Silva Ribeiro

Deadline for manuscript submissions

closed (24 November 2024)

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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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