

Special Issue

Study of the Influence of Abiotic and Biotic Stress Factors on Horticultural Plants

Message from the Guest Editors

In contrast to their inability to escape from adverse environmental conditions, plants have developed a vast range of adaptations which allow them to cope with unfavorable agents successfully. These stresses are of different nature and are commonly divided into abiotic (physical and chemical factors) and biotic ones. By being able to better understand the common and distinctive processes taking place in the plant organism and their cross-connections, we will be able to protect plants and apply better solutions to achieve optimal growth parameters. Moreover, such knowledge can be further employed in plant biotechnology to accomplish the desired environmental and industrial goals. This Special Issue aims to provide deeper insight into the influence of stress factors at the cellular, tissue, organ, and whole plant level in order to extend future applicational features. Both non-modified and genetically modified plants are acceptable. Especially welcome are approaches combining stresses and applications of a wide range of fields, from anatomy, through biochemistry, physiology to molecular biology and genetics.

Guest Editors

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About the Journal

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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Technologies (DiSTeBA), Salento University, Lecce, Italy

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