

Special Issue

Exploring Emerging Technologies for Conservation and Improvement of Horticultural Genetic Resources

Message from the Guest Editors

Horticultural crops include fruits, nuts, vegetables, medicinal and ornamentals plant, etc., which play important roles in sustaining and reviving rural economies. However, global climate change and its consequences is causing challenges for horticultural crop productivity. This, in turn, is leading to the emergence of new technologies. These will allow researchers to improve the horticultural crops productivity. The sustainable utilization of plant genetic resources can help in the development modern horticultural varieties which will allow humanity to adapt to changing environmental conditions.

It is very important that we develop strategies for effective conservation and sustainable use of horticultural genetic resources. In general, horticultural crops show tremendous variation in species diversity. Hence, the conservation of the horticultural genetic pool is very challenging. Thus, this Special Issue hopes to contribute by reviewing emerging technologies which can be used to effectively conserve and improve modern varieties for the sustainable utilization of horticultural plant genetic resources (PGR).

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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

Prof. Dr. Luigi De Bellis
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