Special Issue

Frontiers in Nut Crop Genetics and Germplasm Diversity

Message from the Guest Editors

Nut crops represent one of the most valued horticultural crops; they have a longer shelf life than most fruits, as well as high nutritional values. Genetic diversity of nut crops has significantly decreased because open pollinated seedlings have been replaced by the vegetatively propagated new commercial cultivars. Climate change and the higher frequency of extreme weather events, as well as the introduction of resistant pests and diseases, emphasize the importance of genetic diversity, the utilization of tolerant/resistant genes, and the integration of these genes into breeding programs. Therefore, there is a need for the preservation of existing germplasms in their native habitat, conservation areas, and genebanks. This Special Issue aims to present new studies, tools, approaches, and techniques that have successfully addressed genetic diversity, germplasm preservation, and integration into breeding programs. The nut crops covered by this Special Issue include almonds, hazelnuts, pistachios, walnuts, pecans, chestnuts, pine nuts, brazil nuts, macadamia, cashew nuts, hickory, black walnuts, and butternuts.

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Deadline for manuscript submissions

closed (15 January 2025)

Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.1

mdpi.com/si/122142

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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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