



Neglected and Underutilized Plant Species in Horticultural and Ornamental Systems: Perspectives for Biodiversity, Nutraceuticals and Agricultural Sustainability

Guest Editors:

Dr. Rosario Paolo Mauro

Department of Agriculture, Food and Environment, University of Catania, Via Valdisavoia, 95123 Catania, Italy

Dr. Carlo Nicoletto

Department of Agronomy, Food, Natural Resources, Animals and Environment (DAFNAE), University of Padova, 35020 Legnaro, Italy

Dr. Leo Sabatino

Department of Agricultural, Food and Forestry Sciences (SAAF), University of Palermo, Viale delle Scienze, Ed. 5, 90128 Palermo, Italy

Deadline for manuscript submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

We are pleased to announce this Special Issue of *Horticulturae*, dedicated to the multifaceted topic of neglected and underutilized plant species (NUS) in horticultural and ornamental systems. Over the last few decades, this topic has received growing attention from the scientific community, as a possible option to face the agricultural challenges of producing more foods and services, within a framework of greater sustainability. Indeed, global urbanization processes, climate change, and the reduction of natural resources are expected to emphasize the vulnerability of mainstream agriculture, satisfying the needs of an ever-increasing world population by leveraging a restricted number of cash crops. In this context, NUS could promote agro-biodiversity, improve the resilience of the agro-ecosystems toward environmental stressors, foster the utilization of nutraceuticals and the diversification of dietary patterns, and provide important local services (environmental, economical, socio-cultural) as ornamentals or in landscapes.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Luigi De Bellis

Department of Biological and
Environmental Sciences and
Technologies, Università del
Salento, Centro Ecotekne, Via
Provinciale Lecce Monteroni,
73100 Lecce, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, FSTA, and other databases.

Journal Rank: JCR - Q1 (*Horticulture*) / CiteScore - Q2 (*Horticulture*)

Contact Us

Horticulturae Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/horticulturae
horticulturae@mdpi.com
X@Horticul_MDPI