Special Issue

Wild Plant Species as Potential Horticultural Crops: An Opportunity for Farmers and Consumers

Message from the Guest Editors

There are about 30,000 plant species that are considered edible, but nowadays very few of them are crops grown or cultivated on a commercially significant scale. On the other hand, there are several plants or their parts (leaves, shoots, fruits, seeds, hypogeal organs, and flowers) that are collected in the wild and consumed as raw or cooked food. Ethnobotany may offer a source of inspiration for agriculture, as wild edible species have the potential to lead food systems to be healthier, more sustainable, and resilient to climate change. A good tolerance to several abiotic and biotic stresses, as well as a high nutritional value and excellent nutraceutical properties, are common traits of wild plants, making them promising candidates as new crops. Novel approaches for the outdoor/indoor cultivation of wild or underutilized species are needed to give new opportunities for the growers to produce new food categories, particularly appealing to modern consumers. Cultivating wild species is also a way to preserve ethnobotanical heritage and to promote genetic diversity.

Guest Editors

Dr. Roberta Bulgari

Dr. Ada Baldi

Dr. Anna Lenzi

Dr. Antonios Chrysargyris

Deadline for manuscript submissions

closed (31 May 2023)

Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.1

mdpi.com/si/127483

Horticulturae
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
horticulturae@mdpi.com

mdpi.com/journal/horticulturae

Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.1

mdpi.com/journal/horticulturae

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
Department of Biological and Environmental Sciences and Technologies (DiSTeBA), Salento University, Lecce, Italy

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 - Q1 (Horticulture)

MDPI