



Sustainable Mushroom Cultivation

Collection Editor:

Dr. Agnieszka Jasińska

1. Lindum AS, 3036 Drammen, Norway
2. Department of Vegetable Crops, Poznan University of Life Sciences, 60-594 Poznan, Poland

Message from the Collection Editor

Dear Colleagues,

This Special Issue aims to stimulate and collect research articles on mushroom cultivation on **new types of wastes** such as coffee grounds, AD digestate, food waste composts, fibrous composts from urban wastes, and spent mushroom compost; **new approaches to mushroom cultivation** such as urban mushroom farms, vertical mushroom cultivation, cultivation of mushrooms in drastic conditions (extremely dry and hot or cold environments), and cultivation in loop systems; **the use of SMS from mushroom cultivation**: plant substrate additive, soil recultivation medium, AD source, pelleting for heating purposes, feed for animals, reinoculation with other mushroom/fungi, etc.; **cultivation of rare species of mushrooms** emerged in cultivation because of climate change conditions such as drought and decreasing farmland. It must be kept in mind that this mushroom cultivation must represent the basis for efficient and sustainable mushroom cultivation under a changing environment.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Luigi De Bellis

Department of Biological and Environmental Sciences and Technologies (DiSTeBA), Salento University, 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 - Q1 (Horticulture)

Contact Us

Horticulturae Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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