Special Issue

New Approaches to Organic Waste Valorisation: An Agronomic and Environmental Perspective

Message from the Guest Editors

The burning or burying of organic waste in landfills remains a global issue despite efforts to decompose it using mechanical, chemical, and biological treatments or recycle it through agricultural use. Fortunately, the valorisation of organic waste continues to be the focus of scientific interest and technological advances. The agricultural utilisation of organic wastes is increasingly seen as a viable valorisation option, which includes composting, pyrolysis, and anaerobic stabilisation. Additionally, the recovery of biomass-derived compounds, such as protein hydrolysates derived from residual crop biomass or agricultural by-products, has significant potential to become an alternative for synthetic chemicals in plant nutrition and protection.

This Special Issue welcomes research on the agronomical and environmental aspects of utilising organic wastes or their derivates in agricultural and horticultural applications. Topics include (but are not limited to) environmental and health risks, the transfer of PTE from soil to crops, toxic metal stress, phytotoxicity, phytoremediation, nutrient uptake, and effects on soil characteristics and utilisation of waste-derived substances.

Guest Editors

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Deadline for manuscript submissions

closed (20 June 2023)

Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.1

mdpi.com/si/128805

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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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