

## Special Issue

# Sustainable Soil Improvers for Enhanced Soil Health and Horticultural Systems

### Message from the Guest Editors

The Special Issue “Sustainable Soil Improvers for Enhanced Soil Health and Horticultural Systems” focuses on innovative approaches to improve soil health, fertility, and productivity in horticultural systems (such as fruits, vegetables, flowers, ornamental plants, etc.). In the face of increasing challenges, including soil degradation, climate change, and the need for sustainable agricultural practices, this issue aims to explore the development, application, and impact of sustainable soil amendments. These include organic amendments (e.g., compost, biochar, and plant-based materials), microbial inoculants, and other biostimulants that enhance soil structure, nutrient availability, and microbial activity. Contributions may encompass field/glasshouse trials, mechanistic laboratory studies, meta-analyses, and critical reviews that address the efficacy of these soil improvers in mitigating abiotic stresses (e.g., drought, salinity), reducing dependency on synthetic inputs, and promoting horticultural crop resilience. The issue also welcomes research on the effects of these amendments on soil biodiversity, carbon sequestration, and food security in horticultural production systems.

### Guest Editors

Dr. Zhuang Ge

Prof. Dr. Shuangyi Li

Prof. Dr. Fayong Li

Dr. Yi Zhao

### Deadline for manuscript submissions

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## Horticulturae

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## 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.

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### Editor-in-Chief

Prof. Dr. Luigi De Bellis  
Department of Biological and Environmental Sciences and  
Technologies (DiSTeBA), Salento University, Lecce, Italy

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