

Special Issue

Advances in Ecophysiology of Horticultural Crops

Message from the Guest Editors

Horticultural crops are always influenced by the abiotic and biotic stresses present during their cultivation. Ensuring the optimal growth of these crops is of great importance for optimizing their economic, edible and ornamental value. Research on plant ecophysiological characteristics provides insights into the relationships between horticultural crops and stresses, and plays a key role in every aspect of plant production. Therefore, it is necessary to investigate water metabolism, nutrient metabolism, energy metabolism, photosynthesis, and other physiological parameters. As modern science and technology rapidly develop, diagnosis techniques for plant growth and health have made great progress. In the fields of plant ecophysiology and horticultural cultivation, the rapid determination of plant physiological processes and health are of great importance for the real-time regulation of plant growth and development.

The present Special Issue will publish work regarding advances in the ecophysiology of horticultural crops. Scientists from all over the world are invited to submit original research and review articles that relate to such topics.

Guest Editors

Dr. Deke Xing

School of Agricultural Engineering, Jiangsu University, Zhenjiang 212013, China

Prof. Dr. Yanyou Wu

State Key Laboratory of Environmental Geochemistry, Institute of Geochemistry, Chinese Academy of Sciences, Guiyang 550081, China

Deadline for manuscript submissions

closed (15 March 2025)



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

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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.

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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