Special Issue

Functional Biodiversity and Landscape Effects on Biological Control in Horticultural Systems

Message from the Guest Editors

The effectiveness of biological control in horticultural systems is associated with the functional biodiversity of beneficial arthropods and landscape-level factors. This Special Issue aims to address these specific interactions by highlighting research that investigates how landscape structure, composition, and ecological connectivity influence the diversity, abundance, and functional role of natural enemies in horticultural ecosystems. We invite contributions that focus on the relationships between landscape patterns (e.g., habitat heterogeneity, fragmentation, landscape complexity) and biological control efficacy. Studies that utilize experimental, observational, or modeling approaches to evaluate how landscape management practices enhance or limit natural enemy communities and pest suppression are highly encouraged. Research articles, reviews, and case studies addressing how agroecological practices, habitat management, or landscape-level interventions contribute to sustainable pest control in horticultural crops will be prioritized. Interdisciplinary and transdisciplinary studies integrating entomology, landscape ecology, and agricultural sustainability are especially welcome.

Guest Editors

Dr. Rodrigo Araujo

Prof. Dr. Cristian Villagra

Dr. Daniell Rodrigo Rodrigues Fernandes

Deadline for manuscript submissions

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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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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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