

Special Issue

Urban Horticulture for Sustainable Cities: Advancing Green Solutions, Biodiversity, and Human Well-Being

Message from the Guest Editors

Urban horticulture is vital for addressing urbanization challenges like resource scarcity, biodiversity loss, and climate change. It enhances ecological balance, promotes sustainable resource use, and improves urban well-being. This Special Issue invites research on innovative practices in urban horticulture, focusing on:

- **Nature-Based Healing:** Therapeutic landscapes, stress reduction, and psychological benefits of plant interactions.
- **Microclimate Regulation:** Mitigating heat islands, improving air quality, and practices like green roofs and vertical gardens.
- **Biodiversity Conservation:** Habitat restoration, native species, pollinator-friendly practices, and community gardens.
- **Ecosystem Services:** Carbon sequestration, climate regulation, air/water purification, and green infrastructure design.

Examine how horticulture enhances ecosystem services in urban areas, including carbon sequestration, climate regulation, air and water purification, and the aesthetic value of plant landscapes. Research may also address the integration of horticulture into urban planning and the design of green infrastructure.

Guest Editors

Dr. Renwu Wu

Dr. Hai Yan

Dr. Wei Lin

Prof. Dr. Zhiyi Bao

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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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