



Application of Agroecology in Urban Horticulture

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Message from the Guest Editor

Strong market pressures have encouraged growers to intensify production. The environmental consequences of cropland expansion and intensification are of utmost concern, because of their negative impacts including pollution and degradation of natural resources, loss of biodiversity, and insecticide resistance. In fact, the use of pesticides currently threatens up to a third of farmlands worldwide. On the other hand, increasing awareness and sustainable approaches have emerged to balance production and environmental protection. Moreover, the resilience of urban farming schemes is crucial for communal small-scale systems where horticulture is devoted to subsistence, especially in the scenario of climate change.

This Special Issue “Application of agroecology in urban horticulture” is devoted to research on urban horticulture in the context of agroecology, covering a broad spectrum of approaches such as (and not limited to) production, pest management, natural enemies, pollinators, biodiversity conservation, behavioral ecology, landscape modeling, climate change, social and development implications, and policy.





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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.

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