

Special Issue

Urban Forestry as a Strategy for Promoting Greener and Healthier Cities

Message from the Guest Editors

Urban forestry is an interdisciplinary field that merges urban planning with forestry science, advocating for the systematic and strategic incorporation of vegetation within urban landscapes. Trees and urban green spaces play pivotal roles in carbon sequestration, offsetting a fraction of anthropogenic CO₂ emissions. Additionally, through transpiration and shade provision, urban trees mitigate the urban heat island effect, reducing temperatures in densely built areas and providing a multitude of other interconnected ecosystem services. Indeed, from a public health perspective, urban forests have been associated with improved air quality by filtering particulate matter and other pollutants. Moreover, recent studies indicated the psychological benefits of integrating natural elements into urban spaces, suggesting decreased levels of stress and improved cognitive function among urban dwellers.

In this scenario, we intend to publish high-quality papers related to arboriculture and urban forestry, which may include basic and applied studies. Full experimental and methodological details must be provided for research articles.

Guest Editors

Prof. Dr. Francesco Ferrini

Dr. Ermes Lo Piccolo

Dr. Barbara Mariotti

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

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About the Journal

Message from the Editor-in-Chief

Urban Science is a scholarly international journal which provides a platform for the exchange of theories, ideas, methods, analyses, and comparative studies of urban and regional development. It is a peer-reviewed, open access journal that publishes high quality original articles, theoretical essays, critical reviews, research notes, and shorter communications. Its broad definition of “science” includes both quantitative and qualitative methods of social, environmental, and spatial analysis. There is no restriction on the maximum length of the papers.

Editor-in-Chief

Prof. Dr. Luis Hernández-Callejo

Department of Agricultural and Forestry Engineering, University of Valladolid, Campus Duques de Soria, 42004 Soria, Spain

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