

Special Issue

Urban Trees Under Climate Change: Growth, Environmental Benefits and Potentials

Message from the Guest Editor

Urban green such as urban trees, façade greening, green roofs, shrubs, and lawns are an important part of the cityscape and can help to improve the quality of life in cities, preserve biodiversity, and mitigate the effects of climate change. Urban trees are of particular interest for improving the climate resilience of urban areas, as they can mitigate the urban microclimate mainly through their cooling function. Further positive aspects of urban trees include the regulation of rainwater runoff, the storage of carbon dioxide, and the improvement of air quality, among many more. On the other hand, the growth and vitality of trees, both of which have a strong impact on the provision of ecosystem services, are highly influenced by the urban environment and the numerous stress factors it presents.

The aim of this Special Issue is to promote new publications in the field of urban forestry, the inter-relationship between urban tree growth, and the provision of ecosystem services under the influence of growing conditions with respect to climate change.

Guest Editor

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Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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