

Special Issue

Ecosystem Services of Urban Forest

Message from the Guest Editors

Urban forests and urban vegetation as a whole generally offer multiple resources and environmental benefits to society. The functions and services they provide, such as air quality improvement, carbon sequestration, temperature reduction, etc., are directly influenced by the composition of species, the number and location of trees, their biological properties, their adaptive mechanisms, and so on. Therefore, the first step in improving the management of urban green spaces and to enhance their potential for ecosystem services is to evaluate the current structure and benefits of urban forests. This Special Issue plans to give an overview of the most recent advances in the field of ecosystem services assessment in urban areas, with a focus on urban trees and urban vegetation, as well as their valorization. Potential topics include, but are not limited to, the following:

- Air pollutants removal;
- Carbon sequestration;
- Microclimate regulation;
- Temperature reduction;
- Biodiversity support;
- Pollinators support;
- Disservices of urban trees (pollens, volatile compounds, etc.).

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