Special Issue

Growth, Maintenance, and Function of Urban Trees

Message from the Guest Editors

Urban trees serve as critical biological mediators within complex socio-ecological systems, playing an irreplaceable role in enhancing ecological resilience, mitigating climate change, advancing carbon neutrality, and improving human well-being. However, challenges such as accelerated urbanization, an increasing frequency of extreme climatic events, environmental pollution, and competition for land resources significantly constrain urban trees' growth vitality, maintenance efficiency, and multifunctional performance. This Special Issue will showcase multidisciplinary research on innovative technologies, data-driven strategies, and inclusive management frameworks to integrate urban tree science into climate-resilient urban planning, public health policies, and global sustainable development agendas. Potential topics include, but are not limited to, the following:

- Tree growth and adaptability;
- Tree maintenance and health management;
- Ecosystem services;
- Social benefits and equity;
- Perceptions of cultural values;
- Intelligent monitoring and digitalized management;
- Policy integration and governance strategies.

Guest Editors

Dr. Shidong Ge

Dr. Valánszki István

Dr. Xiaoping Chen

Dr. Sihan Xue

Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa
Department of Mathematics and Physics, Catholic University of Brescia, I-25121 Brescia, Italy

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