Urban Green Infrastructure and Urban Landscape Ecology

Guest Editors:

Dr. Chunlin Li

Prof. Dr. Tiemao Shi

Dr. Tangao Hu

Dr. Zhibin Ren

Deadline for manuscript submissions:
30 November 2024

Message from the Guest Editors

Urban green infrastructures (UGIs, i.e., forests, parks, shrubs, green roofs, etc.), as natural elements in a city, could provide multiple benefits to people in the urban environment. UGIs should be capable of addressing the major challenges of urbanization, such as improving the quality of life, promoting social cohesion and environmental justice, protecting biodiversity, and adapting to climate change, thereby supporting sustainable urban development.

Planning and designing new generation UGIs require the use of landscape ecology theory, through which the pattern evolution characteristics of UGI could be evaluated and its impact on ecosystem service functions such as atmosphere, hydrological cycle, and thermal environment could be analyzed, which will aid in adequate management of urban planning and pattern optimization.

The goal of this Special Issue is to publish new research on the multifunctional ecosystem of UGI in order to deepen our understanding of the impact of various ecological functions of UGIs and to develop sustainable solutions for urban ecosystem management with enhanced ability to respond to climate change.

mdpi.com/si/182364

Special Issue

Editors-in-Chief

Prof. Dr. Cate Macinnis-Ng
Department of Biological Sciences, Faculty of Science, University of Auckland, Private Bag 92019, Auckland 1142, New Zealand

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

Message from the Editorial Board

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.
Journal Rank: JCR - Q1 (*Forestry*) / CiteScore - Q1 (*Forestry*)

Contact Us