

Special Issue

Improved Management of Trees, Ecohydrology, Natural Resources and Microclimate to Mitigate Urban Heat

Message from the Guest Editor

Our cities become increasingly hot as result of the double-dilemma triggered by global warming and the process of urbanisation itself. Managing natural resources, including green and blue infrastructure to mitigate heat and improve urban microclimates is a pressing challenge. This special issue of *Forests* provides authors with a unique platform to showcase their diverse research around green and blue urban infrastructure. The underlying theme for submissions to this special issue is the desire to reduce urban heat and thus create more resilient, attractive and productive urban landscapes. Topics that challenge, redirect and progress policy development and sustainable management of urban trees and forests, advance our understanding of urban ecohydrology and climatology and reveal structure-function relationships that increase or limit cooling to our progressively hot cities are welcome. Papers in our 2016 special issue “Urban and Periurban Forest Diversity and Ecosystem Services” have collectively been cited more than 240 times. This impressive result demonstrates the commitment of *Forests* and its authors to progress high quality science around urban trees and forests.

Guest Editor

Dr. Sebastian Pfautsch

Urban Studies, School of Social Sciences, Western Sydney University,
Parramatta, NSW, Australia

Deadline for manuscript submissions

closed (5 September 2020)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 4.4



mdpi.com/si/40779

Forests
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
forests@mdpi.com

[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)





Forests

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 4.4



[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)



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

Author Benefits

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)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2024).