



Forest Biometrics

Guest Editor:

Dr. Yuhui Weng

Arthur Temple College of Forestry
and Agriculture, Stephen F.
Austin State University,
Nacogdoches, TX, USA

Deadline for manuscript
submissions:

closed (18 July 2023)

Message from the Guest Editor

Forest biometrics comprises measurements of trees, individually and collectively, and the use of statistical methods to assess forest resources. Tree mensuration methods, forestry inventory, and modelling tree and stand attributes under various environmental and/or silvicultural conditions are all examples of forest biometrics. Notwithstanding the enormous efforts of academic researchers and industry, the recent rapid advances in silviculture, statistical theory, and electronic and computing technologies, paired with changes in the environment and climate, have had a profound impact on how forest resources are assessed. This Special Issue is aimed at providing selected contributions on recent advances covering wide aspects of forest biometrics.

Potential topics include, but are not limited to:

- modeling tree/stand attributes;
- modeling effects of environmental variables and silvicultural activities on tree/stand development;
- developing tools for tree mensuration;
- advancing inventory designs;
- applying remotely sensed data to forest biometrics;
- applying new statistical approaches, i.e., machine-learning technologies and mixed model theory, to model development.





forests



an Open Access Journal by MDPI

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

Forests Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/forests
forests@mdpi.com
X@Forests_MDPI