Special Issue

Forest Biometrics

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.

Guest Editor

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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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).