



Forest Biometrics

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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.





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