



Forest Growth and Tree Structure Detection Based on Remote Sensing

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Message from the Guest Editors

Sustainable forest management requires complex and wide ranging information particularly related to forest inventory quantitative assessments and monitoring. Such information should characterize forest growth attributes at tree and stand level, forest structure and forest composition, and it should be accurate, up to date and spatially referenced. Remote Sensing technology, such as airborne laser scanning (ALS), terrestrial laser scanning (TLS), digital aerial photogrammetry (DAP), high spatial resolution (HSR) and very high spatial resolution (VHSR) satellite optical imagery is gradually replacing traditional inventory approaches in terms of data acquisition both through direct measurements or indirect through modeling approaches.

This Special Issue calls for high quality updated research papers focused on the use of remote sensing technology for multi-scale data collection, data processing and predictive modeling approaches on forest growth and yield attributes, tree structure detection, forest structure and forest composition related to all kind of forest species.





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