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Methodology and Theory of Forest Parameters Estimation Using Multi-Source Remote Sensing

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Message from the Guest Editors

Forest structure and functioning parameters can be directly extracted at the plot level by destructive and/or non-destructive manual measurements, which are widely recognized as expensive and labor-intensive. The advancement of multi-source remote sensing, e.g., airborne laser scanning (ALS), terrestrial laser scanning (TLS), digital aerial photogrammetry (DAP), high spatial resolution (HSR)/super high spatial resolution (VHSR) optical imagery, and near-surface remote sensing, has the potential to revolutionize the way forest parameters are estimated.

This Special Issue is open to contributions dealing with many aspects of new insights, current challenges, recent advances, operational use, and future perspectives in the field of forest parameters derived from remote sensing technologies. Contributions on the use of multi- and hyperspectral remote sensing, terrestrial, airborne, and spaceborne laser scanning, and near-surface remote sensing (drones, wireless sensor networks) are welcome. Reviews are also welcomed.



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