Special Issue

Applications of Airborne Laser Scanning and Photogrammetry for Forest Inventory and Management

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Dear colleagues,

Forest remote sensing provides important knowledge to better understand forests and the problems to preserve them as ecosystems, carbon sinks and renewable energy resources. High-resolution and low-cost remote sensing data are increasingly available to measure three-dimensional (3D) canopy structure and to model forest structural attributes.

In this feature paper Special issue, we intend to provide a unique collection of original research work in the field of forest remote sensing that addresses new approaches using remote sensing data at global, national, regional and local scale. In particular, we encourage invited scientists to demonstrate the enormous possibilities of advanced methods and technologies for applications in forest resource management. Topics may cover a broad range of new statistical methods and recent instrument developments to gain accurate information on the status and distribution of forest structures over various time scales.

Looking forward to receiving your contributions.

Guest Editor

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Key words:

· Advanced Forest Inventory;
· New Sensors and Platforms for Forest Applications；
· Monitoring of Forest Health and Forest Degradation
· Integration and Data Fusion Approaches Using Multiple Remote Sensing Data
· Large-scale Forest Monitoring Using LiDAR Data with Synergies Among Platforms

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