



## Estimating and Monitoring Forest Structure Using Remote Sensing Techniques

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Deadline for manuscript  
submissions:

**closed (31 May 2022)**

### Message from the Guest Editors

Dear Colleagues,

As a vital natural resource, forests are of extreme importance for all living beings on our planet. We would like to dedicate this Special Issue to documenting remote sensing-based methods for forest structure retrieval, forest degradation monitoring, and forest resources assessment. Submissions address the following topics are solicited:

New methods for the retrieval of forest structure parameters from remote sensing data, including SAR and lidar; combination of complementary SAR imaging methods (tomography, polarimetry, interferometry), lidar sensors as well as data fusion with optical to define novel approaches, concepts, and applications for forest structure mapping and monitoring; new methods and concepts for the quantitative assessment of forest biomass; feasibility studies with new sensors, ranging from drones to spaceborne SAR systems and their applications to forestry; comparison and benchmarking studies using various sensors and/or processing methods for forest structure retrieval; new approaches for the detection of forest changes and degradation; artificial intelligence-based methods and multi-sensor data fusion for forest information retrieval.





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## Message from the Editor-in-Chief

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