



forests



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Forest Characterization Assisted by Remote Sensing Technologies

Guest Editors:

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Deadline for manuscript
submissions:
closed (18 August 2024)

Message from the Guest Editors

This Special Issue aims to be a collection of novel solutions to enhance forest assessments using remote sensing. Research may include (but is not limited to) the following topics:

1. Remote sensing data fusion to enhance forest attribute prediction and classification;
2. Hyperspectral imagery for tree forest and landscape management and modeling;
3. Unmanned aerial vehicles (UAV) for forest assessments;
4. Remote sensing solutions for forest restoration and ecology;
5. Remote sensing solutions for forest fires assessment and prevention;
6. Terrestrial lidar applications in complex forest environments;
7. Synthetic aperture radar (SAR) applications in forestry;
8. Forest inventory assisted by remote sensing; advanced statistical methods (model-based inference and uncertainty assessment);
9. Forest biometry using photogrammetry and lidar point clouds;
10. Remote sensing for threatened forest environment assessments;
11. Forest disease and plague detection using remote sensing data;
12. Spaceborne lidar applications to forest assessments;
13. Country-wide and global forest assessments;
14. Remote sensing strategies to enhance forest management;



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Special Issue



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Message from the Editor-in-Chief

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