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Forest Characterization Assisted by Remote Sensing Technologies

Guest Editors: Message from the Guest Editors **Dr. Diogo Nepomuceno** This Special Issue aims to be a collection of novel solutions Cosenza to enhance forest assessments using remote sensing. Research may include (but is not limited to) the following Dr. Juan Guerra Hernandez topics: Dr. Bruna Paolinelli Reis 1. Remote sensing data fusion to enhance forest attribute prediction and classification: 2. Hyperspectral imagery for tree forest and landscape Deadline for manuscript management and modeling; submissions: 3. Unmanned aerial vehicles (UAV) for forest assessments: 18 August 2024 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 (model-based statistical methods 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; **oecial**sue mdpi.com/si/175030





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