



Classification of Forest Tree Species Using Remote Sensing Technologies: Latest Advances and Improvements

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to disseminate state-of-the-art research and applications which use emerging remote sensing techniques for forest area studies. Topics for this Special Issue include, but are not limited to:

- Reviews of state-of-the-art models, algorithms, methods, products, and applications of remote sensing for tree species classification;
- The application of new analysis methods, including machine and deep learning approaches;
- The standardization of data acquisition and classification for monitoring and generalization;
- Close-range sensing observations to allow for the use of attribute estimation in broader scale models and for high-resolution monitoring at the site scale;
- Combining different close-range sensing data and approaches to create new knowledge;
- The synergetic use of data acquired from close-range sensing with airborne and satellite remote sensing observations for large-area applications, e.g., through automated in situ investigations;
- Insights into the use of close-range sensing systems and analysis approaches to further our understanding of terrestrial carbon functioning, climate change, CO₂ absorption, and biodiversity.





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Message from the Editor-in-Chief

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