

Special Issue

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

Message from the Guest Editors

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.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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