Special Issue

Remote Sensing of Forest Carbon

Message from the Guest Editors

This Special Issue invites papers highlighting cutting-edge research in the remote sensing of forest carbon, including advances in the data and methodologies used to measure the key biophysical parameters required for its estimation. For example, optical and hyperspectral data distinguish forest tree species composition, ranging technologies such as radar and lidar make detailed measurements of three-dimensional forest structure, and thermal sensing provides insight into forest ecosystem function. Remote sensors are collecting these data from the full range of terrestrial, UAS, airborne, and spaceborne platforms. We look to include papers in this Special Issue that describe emerging methods such as machine learning in the estimation and scaling of forest carbon attributes, as well as time-series algorithms leveraging the historical satellite record to provide perspectives on forest carbon dynamics. Studies demonstrating the remote sensing retrieval and integration of key forest parameters for initializing, calibrating, and/or validating mechanistic carbon cycle and land surface models are also encouraged.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2022)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/68283

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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