Special Issue

Forest Biomass and Carbon Observation with Remote Sensing

Message from the Guest Editors

Forest biomass and carbon monitoring is high on the agenda of environmental research and policy due to the importance of forest carbon dynamics with regard to climate change mitigation, biodiversity preservation, and timber and bioenergy production. Multidisciplinary and multisensor remote sensing approaches are clearly needed to obtain a synoptic view of forest biomass, given the complexity of forest ecosystems, diversity of ecological and socioeconomic conditions, high dynamics of land use, and the limited accessibility of field information and reference data. This Special Issue aims at gathering contributions exploring remote sensing approaches to quantify woody biomass and carbon stocks in forests and woodlands. We encourage applications tackling issues of integrating ground and satellite data for calibration and validation of remote sensing-based biomass observations. The key role of biomass remote sensing in forest and vegetation modeling, biodiversity, and forest management assessment is going to be the focus of this issue as well.

Guest Editors

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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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