

Special Issue

New Insights into Remote Sensing of Vegetation Structural Parameters

Message from the Guest Editors

Vegetation structural properties have substantial impacts on ecosystem processes and are essential for the evaluation of ecosystem functions and services. Remote sensing is playing an indispensable role in observing vegetation structural parameters across spatial scales. Uncertainties in the remotely sensed vegetation structural parameters and findings relying on them remain due to various biotic and abiotic factors. Recent developments in optical, SAR, and LiDAR sensors onboard satellite and unmanned aerial vehicle platforms and deep learning algorithms are expected to improve the estimation of vegetation structural parameters and/or the explanations of the uncertainties. We invite colleagues to share their new insights and findings on the estimations of vegetation structural parameters from various remote sensing data sources in this Special Issue. Novel methods using remotely sensed vegetation structural parameters for ecosystem monitoring and evaluation, or new results, which have strong implications for regional ecosystem management, based on the estimated vegetation structural parameters are also welcome.

Guest Editors

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Deadline for manuscript submissions

closed (1 May 2023)



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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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