

Special Issue

Advances in Vegetation Structure Modelling to Support the Sustainable Development Goals Acquisition through Forest Management

Message from the Guest Editors

Recently, the development of LiDAR technology constitutes an important advance in forest management made through remote sensing techniques.

Complementary technologies have arisen to improve vegetation structure modeling due to the availability of LiDAR data from satellite missions such as the Global Ecosystem Dynamics Investigation LiDAR (GEDI) or the Ice, Cloud and Land Elevation Satellite-2 (or ICESat-2). These technological developments have been accompanied by advances in modeling methods, from empirical (parametric and non-parametric statistical approaches) to physical methods, such as Radiative Transfer Models (RTM), especially 3D RTM, which is capable of simulating the LiDAR response.

This Special Issue is aimed at studies covering the application of advanced remote sensing techniques to vegetation structure modeling, with the aim of supporting sustainable forest management. Topics may cover the wide range of variables related to resources and hazard modeling and mapping, such as: wildfire; Dasometry/inventory; Climate change; Ecology, etc.

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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.

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