

Estimation of Forest Biomass from High and Medium Spatial Resolution Satellite Imagery

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Message from the Guest Editors

Dear Colleagues,

Forest biomass estimation is currently used with several approaches. Remote sensing data have developed rapidly in recent decades, with more varied and higher spatial, radiometric, and temporal resolutions enabling the periodic monitoring of spatiotemporal changes in forest areas at different scales. Forest biomass estimation is crucial at local and regional scales due to forests' impacts on communities, ecosystems, and sustainable development. For this purpose, new satellites have appeared with high and medium spatial resolution data, allowing for forest areas to be defined in more detail and consequently improving biomass models' accuracies.

This Special Issue welcomes the submission of manuscripts that link the following themes:

Remote sensing;
Satellite image processing;
Geographic information systems;
Biomass modeling at tree and area level;
Model uncertainties;
Decision support systems;
Forestry;
Active/passive sensors.

We look forward to receiving your original research articles and reviews.

Special Issue

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