

Special Issue

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

Message from the Guest Editors

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.

Guest Editors

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Deadline for manuscript submissions



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Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant Impact Factor, and has a goal to become the best journal in land in the coming years.

Editor-in-Chief

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