Special Issue

Earth Observation in Forest Biophysical/Biochemical Parameter Retrieval-II

Message from the Guest Editors

The health of forests has been affected in recent years by various stress factors, such as forest fragmentation and deforestation, biodiversity loss, climate change, invasive species, drought, and unsustainable management. Earth Observation aids in the spatiotemporally explicit retrieval of biophysical and biochemical parameters in both the optical and microwave domain. This Special Issue will cover vegetation monioting and management using advanced remote sensing technologies. We invite you to contribute a research article to this Special Issue on one of the following topics (but not limited to);

- Vegetation monitoring: forests, grasslands, urban green cover, wetland vegetation or related theme.
- retrieval of biophysical parameters, viz. LAI, vegetation water content, height, biomass, DBH, etc.;
- radiative transfer models in the retrieval of biophysical/biochemical parameters;
- airborne or spaceborne hyperspectral data in the retrieval of biophysical/biochemical parameters;
- LiDAR and RADAR remote sensing in the estimation of biophysical variables;
- Forest fire analysis, simulation and modelling using advanced techniques.

Guest Editors

Dr. Prem Chandra Pandey

Prof. Dr. Onisimo Mutanga

Dr. Prashant Srivastava

Dr. Mukunda Dev Behera

Deadline for manuscript submissions

closed (15 January 2025)

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Message from the Editorial Board

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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