Special Issue

Vegetation Structure Monitoring with Multi-Source Remote Sensing Data

Message from the Guest Editors

Vegetation structure (e.g., leaf area index/density, foliar incline angle, fraction of cover, clumping, plant height, biomass) can directly influence photosynthesis, canopy energy balance, and water balance. Thus, vegetation structure monitoring at various scales ranging from individual plant to landscape is crucial to understand ecosystem functioning. Potential topics for this Special Issue may include, but are not limited to:

- Vegetation structure retrieval from single/multiple remote sensing, including low/medium/high/ultra-high spatial resolution multi-spectral/hyperspectral, LiDAR, RADAR, and other new sensors, based on terrestrial, UAV, airborne, and spaceborne platforms.
- Novel data integration/fusion of spectral, stereogrametry, LiDAR, or RADAR data acquired from different platforms.
- Radiative transfer model development/improvement considering vegetation structure influence.
- Comparison and evaluation of different remote techniques for vegetation structure studies.
- New operational vegetation structure product development or the evaluation of uncertainty in current products.

Guest Editors

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Deadline for manuscript submissions

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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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