Special Issue

Novel Approaches in Tropical Forests Mapping and Monitoring – Time for Operationalization

Message from the Guest Editors

Tropical forests are the most complex ecological systems on Earth. From early successional communities to old growth stands, tropical forests are characterized by vegetation communities with high species richness, high structural and functional diversity, and a myriad of ecological interactions occurring across taxonomic and functional groups. This Special Issue will focus on state-of-the-art research that addresses the challenges of upscaling biological, biophysical, and biochemical attributes of tropical forests in complex landscapes and understanding their dynamics at multiple spatial and temporal scales. We are inviting papers including but not limited to the following research topics:

- Methods for predicting forest biophysical and biochemical parameters at multiple geographic and temporal scales;
- Novel data ingestion, optimization, and management techniques for tropical forest monitoring;
- Integration of field data, ground sensor networks, and remote sensing datasets in near real-time for tropical forest monitoring.

Guest Editors

Dr. Carlos Portillo-Quintero

Dr. José Luis Hernández-Stefanoni

Gabriela Reyes-Palomeque

MSc. Mukti Subedi

Deadline for manuscript submissions

closed (1 June 2022)

About the Journal

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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