Special Issue

Satellite Remote Sensing for Monitoring Forest Carbon and Supporting Nature-Based Carbon Crediting Mechanisms

Message from the Guest Editors

This Special Issue aims to highlight the latest advancements in satellite-based monitoring and their applications in supporting nature-based solutions and carbon credit markets. We welcome submissions of original research, reviews, and case studies. Potential topics include the following:

- Advanced remote sensing techniques for mapping forest biomass and carbon stocks;
- Applications of satellite data in verifying and enhancing carbon credit mechanisms;
- Integration of ground-based and satellite observations for forest carbon monitoring;
- Remote sensing approaches to detect deforestation, degradation, and land use changes;
- Case studies on the use of remote sensing for implementing nature-based solutions;
- Innovations in modeling forest carbon fluxes using remote sensing technologies;
- Uncertainty assessment in satellite-based carbon monitoring.

Guest Editors

Dr. You-Ren Wang

Department of Marine Environment and Engineering, National Sun Yat-sen University, Kaohsiung, Taiwan

Dr. Zutao Yang

College of Forestry, Wildlife and Environment, Auburn University, Auburn, AL, USA

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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Message from the Editor-in-Chief

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.

Editor-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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