



an Open Access Journal by MDPI

## Mapping Forest Dynamics Using Multi-Source Remote Sensing

Guest Editors:

### Dr. Gang Chen

Laboratory for Remote Sensing and Environmental Change, Department of Geography and Earth Sciences, University of North Carolina at Charlotte, Charlotte, NC 28277, USA

### Dr. Kaiguang Zhao

Ohio Agricultural Research and Development Center, School of Environment and Natural Resources, The Ohio State University, Wooster, OH 44691, USA

Deadline for manuscript submissions:

**closed (10 December 2019)**

### Message from the Guest Editors

Forest ecosystems are increasingly affected by a variety of environmental and anthropogenic disturbances. Consequently, a prior disturbance regime is likely to influence the response of a forest ecosystem to a new disturbance, resulting in complex, interacting disturbances. While single sensors in remote sensing often face challenges to capture such disturbances and the process of post-disturbance recovery, a growing fleet of sensors with diverse spatial, temporal, spectral and radiometric resolutions has significantly augmented our earth observation capabilities.

This Special Issue aims to review and synthesize the latest, leading-edge advances in mapping forest dynamics using multi-source remote sensing. Original research articles are solicited over a wide range of topics which may focus on, but are not limited to:

- Mapping large-scale disturbances causing extensive tree damage
- Monitoring stresses affecting forest health
- Forest recovery mapping and analysis
- Integrating a new generation of sensors for tracking forest dynamics
- New strategies or algorithms to synergize multi-source data



[mdpi.com/si/25973](https://mdpi.com/si/25973)

# Special Issue



an Open Access Journal by MDPI

## 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

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

**Journal Rank:** JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)

## Contact Us

---

*Remote Sensing* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/remotesensing](http://mdpi.com/journal/remotesensing)  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)  
[X@RemoteSens\\_MDPI](https://twitter.com/RemoteSens_MDPI)