



## Monitoring Forest Change with Remote Sensing

Guest Editor:

### Dr. Michael Sprintsin

Land Development Authority,  
Jewish National Fund-Keren  
Kayemet Lelsrael, Eshtaol, M.P.  
Shimshon 99775, Israel

Deadline for manuscript  
submissions:

**closed (31 December 2020)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue will focus on state-of-the-art research that specifically addresses various aspects of using remote sensing for estimating and monitoring forest health and, in particular, changes in forest cover, biophysics, and biochemistry.

We are inviting papers including but not limited to the following research topics:

- Remote sensing methods to measure vegetation biophysical parameters;
- Methods for the retrieval of canopy biophysical (e.g., leaf area index, fractional vegetation cover, fAPAR, and plant height) and biochemical (e.g., leaf/canopy chlorophyll and water content and fuel moisture contents) parameters from satellite and airborne sensors;
- Methods to estimate forest canopy status and condition (e.g., forest disturbance, degradation and regrowth);
- Early stress detection;
- Assimilation of biophysical parameters derived from remote sensing for forestry applications and forest management.

Dr. Michael Sprintsin  
*Guest Editor*





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, Grosspeteranlage 5  
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)