



Optical Remote Sensing of Boreal Forests

Guest Editors:

Prof. Miina Rautiainen

School of Engineering, Aalto
University, P.O. Box 14100, FI-
00076 Aalto, Finland

Dr. Jan Pisek

Tartu Observatory, 61602
Tõravere, Estonia

Deadline for manuscript
submissions:

closed (15 May 2018)

Message from the Guest Editors

Dear Colleagues,

Boreal forests (or taiga) are the world's largest terrestrial biome and represent one third of the world's forest cover. Remote sensing has a great potential to track the status of boreal forests, yet a number of challenges remain as well.

This Special Issue is dedicated to providing an overview of the advances that have been made in remote sensing of the boreal forest zone. We welcome papers that use optical remote sensing data from boreal forests and its bordering ecotones

1. to retrieve biophysical properties of vegetation,
2. to develop and apply physically-based remote sensing methods,
3. to monitor phenological events, forest fires or long-term vegetation trends,
4. to develop and validate satellite-based data products for monitoring forests
5. to measure and analyze narrowband or broadband spectral *in situ* data from northern vegetation

Contributions may address any geographic area of the boreal region.





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

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)