Special Issue

Remote Sensing of Vegetation Biochemical and Biophysical Parameters

Message from the Guest Editors

To better understand the challenges and opportunities in mapping the biochemical and biophysical properties of vegetation with different types of sensors, platforms, and analytical methods, together with related applications in ecosystem monitoring and modelling, this Special Issues invites contributions in a range of research areas, including, but not limited to, the following:

- Vegetation mapping with different types of sensors (e.g., optical, LiDAR, Radar, and thermal);
- Fusion of multi-type data;
- Recent hyperspectral sensors and techniques (e.g., EnMAP or PRISMA);
- Applications of different platforms (e.g., satellites, UAVs) for vegetation mapping;
- Innovative analytical methods for estimating vegetation properties;
- Machine learning and deep learning;
- Radiative transfer modeling;
- Hybrid of different analytical methods;
- Cloud computing and remote sensing big data;
- Vegetation classification and biodiversity mapping;
- Ecosystem and habitat modelling;
- Impacts of environmental factors on vegetation health

Guest Editors

Dr. Bing Lu

Dr. Dameng Yin

Dr. Holly Croft

Dr. Katja Berger

Dr. Tao Liu

Deadline for manuscript submissions

closed (31 July 2023)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/120827

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

mdpi.com/journal/remotesensing

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/journal/remotesensing

About the Journal

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

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)