

Special Issue

Global Vegetation Cover Estimated from Remote Sensing

Message from the Guest Editors

Over the past few decades, global vegetation cover has undergone significant changes influenced by both climate change and human activities. Significant greening has been observed worldwide, particularly in the northern mid-to-high latitudes, where increased vegetation coverage is responsible for such greening. Comparatively, vegetation cover in tropical and subtropical regions has not experienced significant changes, indicating relatively stable coverage over the past few decades. Such vegetation coverage changes would have large potential for climate mitigation, as well as local ecological conservation and restoration. Thus, conducting thorough studies is a high priority for estimating global vegetation cover in recent decades. Remote sensing technologies are widely used to estimate and monitor global vegetation coverage changes, taking advantage of its relatively long-term nature and fine-scale observations. Therefore, remote sensing could serve as an important tool for estimating global vegetation cover. This Special Issue will incorporate different useful methods and multi-sourced data to accurately estimate global vegetation cover at fine spatiotemporal scales.

Guest Editors

Dr. Mingzhu He

School of National Safety and Emergency Management, Beijing Normal University, Zhuhai 519807, China

Dr. Markus Hollaus

Department of Geodesy and Geoinformation, University of Technology, 1040 Vienna, Austria

Deadline for manuscript submissions

20 August 2026



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/244136

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

[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)





Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)



About the Journal

Message from the Editorial Board

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.

Editors-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

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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)