

Special Issue

Remote Sensing Interpretation Systematic Engineering for Natural Resources Monitoring and Management (Second Edition)

Message from the Guest Editors

In recent years, multi-source and multi-temporal remote sensing big data, from optical to microwave, from low to very high spatial resolution, and from multispectral to hyperspectral, and LiDAR data are available and can be applied for broader land management. Meanwhile, with the development of artificial intelligence, big data, and cloud computing techniques, efficient and intelligent remote sensing image interpretation in high-level land use, land management, and sustainable infrastructure design has been systematically engineered. Under such circumstances, this Special Issue aims at providing knowledge, methodologies, and approaches for scientific research and decision support systems relating to intelligent remote sensing image interpretation in land use, land management, and sustainable infrastructure design. We invite contributions from colleagues who wish to innovate the discipline of remote sensing for land use, land management, and sustainable infrastructure design.

Guest Editors

Prof. Dr. Dongping Ming
Prof. Dr. Jagannath Aryal
Prof. Dr. Kasturi Devi Kanniah

Deadline for manuscript submissions

31 May 2026



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/205702

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)