

Special Issue

Computer Vision and Image Processing in Remote Sensing

Message from the Guest Editors

Digital image processing techniques have evolved over the past decade at an unprecedented rate. These developments have led computer vision-based applications to become an inseparable part of our lives. Computer vision research continues to evolve and find its way into new applications. There are also many untapped research avenues. This special issue aims at articles ranging from improving classical image processing techniques such as image representation, 2D convolutions, and frequency domain image filtering to modern approaches such as machine learning and deep learning-based solutions. We welcome both theoretical and application solutions. Topics of interest include, but are not limited to:

- Disasters
- Aerial
- Robotics
- Medical
- Human motion
- Agriculture
- Image analysis
- Biology
- Datasets

Guest Editors

Dr. Asanka Perera

Prof. Dr. Javaan Chahl

Prof. Dr. Ali Al-Naji

Dr. Huajian Liu

Deadline for manuscript submissions

closed (15 December 2023)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/138579

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)