



Target Recognition and Change Detection for High-Resolution Remote Sensing Images

Guest Editors:

Prof. Dr. Chen Wu

Dr. Pengyuan Lv

Dr. Naoto Yokoya

Prof. Dr. Wen Yang

Deadline for manuscript
submissions:

15 October 2024

Message from the Guest Editors

The fast development of remote sensing platforms brings further improvement in the resolution of remote sensing images. High-resolution remote sensing images contain more detailed spatial, spectral, and temporal information of ground landscapes. Recognizing the targets and the changes from multi-source high-resolution remote sensing data has become an important topic for Earth observation techniques in many applications.

This Special Issue aims to focus on discussing the theoretical frontiers and technical problems in target recognition and change detection for high-resolution remote sensing images and provide a platform for researchers to show their recent contributions.

- Target recognition and change detection with high spatial, spectral, and temporal resolution remote sensing images.
- Advanced interpretation of high-resolution images by unsupervised, semi-supervised, weakly supervised, and self-supervised mechanisms.
- Datasets and benchmarks for target recognition and change detection with high-resolution remote sensing images.
- Advances in machine learning and deep learning techniques for high-resolution remote sensing image processing.





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, St. Alban-Anlage 66
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)