



an Open Access Journal by MDPI

Object Detection, Recognition and Identification Using Remote Sensing Technique

Guest Editors:

Dr. Jean-Marc Le Caillec

Dr. Udo Uschkerat

Dr. Isabelle Quidu

Dr. Elisabeth Simonetto

Deadline for manuscript submissions:

closed (30 November 2021)

Message from the Guest Editors

The first topic of interest of this Special Issue is to propose innovative methods or improvements of well-established processing for detection, recognition, and identification. These proposals can be:

- At the sensor level, for instance, optimal antenna array network design (not necessary ULA), adaptive waveform (e.g., time reversal);
- At the signal processing level (e.g., multipath or shadow exploitation, multisignal processing, such as MIMO active sensors, nonconventional synthetic aperture, or hyperspectral dimension reduction);
- At the data/image processing (statistics, multidecision fusion, deep learning data registration, change detection for repeat pass SAS/SAR, and explainable IA, for instance);
- At the systems of sensors level (method and metrics of data fusion, 3D reconstruction for nonconventional interferometry, carrier behavior integration, data-aided sensors, and management of swarms/networks with homogeneous/heterogeneous sensors); and
- Any interactions between these levels.



[mdpi.com/si/52422](https://www.mdpi.com/si/52422)

Special Issue



an Open Access Journal by MDPI

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

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.

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, Grosspeteranlage 5
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)