

Special Issue

Remote Sensing for Maritime Monitoring and Vessel Identification

Message from the Guest Editors

The increase in tonnage, and the total number of merchant ships, makes marine traffic surveillance essential for border control, monitoring of illegal activities as well as general security and emergency management. Pattern recognition, image analysis, statistical signal processing, classification, machine learning/deep learning and data science are the enabling technologies to equip detection and location results with the additional information that enables the surveillance authorities to be aware of any possible situation. The issue aims at studies covering different uses of different sensors and platforms in forest and landscape sciences. Articles may address, but are not limited, to the following topics:

- Platforms
 - Spaceborne, Airborne, Surface and Underwater
- Sensors
 - Optical–panchromatic, multi/hyperspectral, Thermal infrared, Radar and Acoustic
- Data processing
 - Detection and Classification–identification
 - Behavior analysis (speed, bearing, possible anomalies)
 - Tracking and Route prediction
 - Data fusion with auxiliary data from collaborative systems
 - Data fusion with geographical/historical data

Guest Editors

Dr. Emanuele Salerno
Dr. Claudio Di Paola
Dr. Angelica Lo Duca

Deadline for manuscript submissions

closed (31 October 2023)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/128488

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)