

Special Issue

Environmental Monitoring with Sentinel Satellites: Applications and Future Perspectives

Message from the Guest Editors

It has been 10 years since the first Copernicus Sentinel image was published on 3 April 2014 and acquired by Sentinel-1 A. Now, a constellation of Sentinels is in orbit with several instruments on board dedicated to atmosphere, land and marine monitoring, contributing to climate change studies, supporting emergency management and security. Sentinel 1A, Sentinel 2 A and B, Sentinel 3 and B and Sentinel 5P are the current operational Space segments of the Copernicus Programme, with the addition of Sentinel-6, which is a collaborative Copernicus mission, implemented and co-funded by the European Commission, ESA, EUMETSAT and the USA, through NASA and the National Oceanic and Atmospheric Administration (NOAA). The aim of this Special Issue is to compile an overview of Sentinel applications and future perspectives dedicated to environmental monitoring in all of its components, i.e., land, marine and atmospheric. In particular, we encourage the submission of papers presenting multi-mission applications, new approaches for data exploitation or innovative algorithms for data processing.

Guest Editors

Dr. Silvia Scifoni
Prof. Dr. Maria Marsella
Dr. Francesca Giannone

Deadline for manuscript submissions

30 June 2026



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/193438

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)