remote sensing

an Open Access Journal by MDPI

IMPACT FACTOR 4.2

CITESCORE 8.3

Environmental Monitoring with Sentinel Satellites: Applications and Future Perspectives

Guest Editors:

Dr. Silvia Scifoni
Serco Italy S.p.A., Via Sciadonna 24-26, Frascati, Rome, Italy

Prof. Dr. Maria Marsella
Department of Civil, Construction and Environmental Engineering (DICEA), Sapienza University of Rome, Via Eudossiana 18, I-00184 Rome, Italy

Dr. Francesca Giannone
Engineering Faculty, Niccolò Cusano University, Via Don Carlo Gnocchi 3, 00166 Rome, Italy

Deadline for manuscript submissions:
30 December 2024

Message from the Guest Editors

Dear Colleagues,

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 prospectives 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.

remote sensing

IMPACT FACTOR 4.2

CITESCORE 8.3

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, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
𝕏@RemoteSens_MDPI