

Special Issue

Emerging Technologies in Earth Observations for Agricultural Monitoring

Message from the Guest Editors

In the last decade Earth Observation systems shown significant advances, allowing an unprecedented improvement of data quality and availability with high spatial, spectral and temporal resolutions from different types of sensors. Among the various application areas, agriculture is one of the socio-economic sectors that has the most to gain from remote sensing data. This is even more notable in a context of population growth combined with climate change impacts, forcing the development of more effective and optimized agricultural practices. For this purpose, the data obtained using remote sensing platforms will play a crucial role. However, the large volume of data generated/obtained poses challenges that can only be solved using Big Data and artificial intelligence approaches. As such, the development of new technologies for data processing and interpretation from remote sensed data can be considered.

Guest Editors

Dr. Luís Pádua

Dr. Joaquim João Sousa

Dr. Salvatore Filippo Di Gennaro

Deadline for manuscript submissions

closed (31 December 2021)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/71329

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 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.

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

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)