



Remote Sensing and Associated Artificial Intelligence in Agricultural Applications

Guest Editors:

**Prof. Dr. Enrico Corrado
Borgogno Mondino**

Dr. Filippo Sarvia

Dr. Samuele De Petris

Dr. Tommaso Orusa

Deadline for manuscript
submissions:

closed (30 June 2024)

Message from the Guest Editors

The following topics are strongly encouraged:

- Research experiences relating to the potentialities and limits of AI in supporting remote-sensing-based applications in agricultural and forest contexts.
- AI for data integration aimed at maximizing the exploitation of spatial, temporal, and spectral features of sensors from different platforms with special concern about scalable approaches relying on the adoption of RPAS, aerial and satellite datasets.
- AI for supporting remote-sensing-based services in agriculture and its relationship with data integration and analysis systems (DIASs), high-performance computing (HPC) and Internet of Things (IoT).
- AI for hyper/multi-spectral image interpretation/classification.
- AI for point cloud interpretation from digital photogrammetry and LiDAR systems.
- AI for time trends analysis and interpretation (e.g., crop phenology detection and forecasting, drought trend modelling, etc.).
- AI to support decision-support systems for crop management (irrigation, fertilization, crop protections, etc.) based on the integration of satellite, meteorological and field data.





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](https://twitter.com/RemoteSens_MDPI)