

Special Issue

Remote Sensing and Associated Artificial Intelligence in Agricultural Applications (2nd Edition)

Message from the Guest Editors

This Special Issue on “Remote Sensing and Associated Artificial Intelligence in Agricultural Applications” aims to assemble high-level contributions to provide an exhaustive overview of ongoing geomatics and remote sensing-related techniques, making use of artificial intelligence to support agricultural applications. 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 time trends analysis and interpretation (e.g., crop phenology detection and forecasting, drought trend modeling, 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. All other proposals related to the adoption of AI applied to remote sensing in agriculture will also be evaluated.

Guest Editors

Prof. Dr. Enrico Corrado Borgogno Mondino
Dr. Filippo Sarvia
Dr. Samuele De Petris

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/219572

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)