



Within-Season Agricultural Monitoring from Remotely Sensed Data

Guest Editors:

Dr. Ruyin Cao

Prof. Dr. Tao Cheng

Prof. Dr. Ran Meng

Dr. Andrej Halabuk

Dr. Clement E. Akumu

Deadline for manuscript
submissions:
closed (31 January 2024)

Message from the Guest Editors

Remote sensing data have been successfully used to investigate various agricultural activities. From a practical point of view, agricultural management requires timely and accurate crop and soil information provided by remote sensing data within the crop-growing season (within-season). However, current agricultural monitoring from remotely sensed data is often conducted after the crop-growing season. Within-season agricultural monitoring is still impeded by limitations in remote sensing data quality, monitoring algorithms, and computing platforms.

Special Issue welcomes research on agricultural monitoring as long as they focus on work carried out during the crop-growing season. Methodology papers on processing within-season remote sensing data (e.g., time-series data) are also welcome. This issue has a broad range of topics, including crop monitoring (e.g., crop type classification, crop phenology detection, crop phenotyping, crop yield prediction) and agricultural condition investigations (e.g., agricultural drought, biotic/abiotic stresses). It should be noted that remotely sensed data from satellites, drones, or field instruments should be among the main data sources.





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, St. Alban-Anlage 66
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)