

Special Issue

Remote Sensing of Agricultural Water Resources

Message from the Guest Editors

As we know, agriculture is the foundation of a sustainable economy, and water is the core for agriculture. With the aggravation of global climate change and population increase, agricultural water resources have been suffering increasing risk, especially in developing countries. Various studies have highlighted the increment of agricultural water consumption in future. This Special Issue on "Remote Sensing of Agricultural Water Resources" seeks contributions reflecting the current innovative research progress in this field. The topics can range from the ground-based experiments/satellite retrievals for obtaining essential variables (e.g., soil moisture, evapotranspiration, and precipitation) for agricultural water resources at farmland/regional scale, detection of irrigation events or agricultural droughts based on these aforementioned variables, as well as the assessment of agricultural water resources in future climate scenarios. Specifically, research articles and review papers are warmly welcomed in this special issue.

Guest Editors

Dr. Pei Leng

Dr. Chunfeng Ma

Dr. Jianwei Ma

Deadline for manuscript submissions

31 December 2024



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 8.3



mdpi.com/si/210372

Remote Sensing
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 4.2
CiteScore 8.3



[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)