Special Issue

Recent Progress in GIS and Remote Sensing for Agricultural Applications

Message from the Guest Editors

We welcome submissions that describe state-of-the-art approaches in the progress in GIS and remote sensing for agricultural-related applications, including, but not limited to, the following:

- Research on remote sensing crop mapping theory, methodology, and practices;
- Geospatial information for stratification and sampling;
- Data fusion, calibration, validation, and ground truths for agricultural monitoring;
- Crop mapping, condition monitoring, acreage estimation, and yield modeling;
- Cropland evapotranspiration, soil moisture, and drought monitoring and assessment;
- Remote sensing-based agricultural disaster monitoring, assessment, mitigation, and emergency response;
- Global climate and environmental change and its impacts on agriculture sustainability and food security;
- Remote sensing monitoring and modeling on agricultural greenhouse gases; Agricultural environment and public health; Crop/plant disease detection, monitoring, and assessment; Cloud computing and big data in agriculture-related applications; Agricultural land use and land cover change; Agricultural deep learning and artificial intelligence technology; Spatial data uncertainty analysis.

Guest Editors

Dr. Li Lin

Dr. Chen Zhang

Prof. Dr. Liping Di

Dr. Zhengwei Yang

Deadline for manuscript submissions

closed (30 November 2023)

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)