Special Issue

Remote Sensing of Crop Lands and Crop Production

Message from the Guest Editors

In recent years, new satellites have become available, with higher resolutions and faster repeat times. New platforms such as Google Earth Engine enable the sensing data to be utilised cheaply and efficiently so as to monitor crop production. Yet, despite these advances, the remote sensing of crops must still overcome many challenges. Small-holder farms and fields can be difficult to monitor. Field boundaries need to be generated en-masse in order to enable researchers to switch to object-based classifications. The need for training data to both build and test models challenges every remote sensing scientist. Practicing agriculturalists also need to monitor crops in order to determine how to optimally treat and manage a field, and they require a remote sensing output to be delivered in a timely fashion on mobile devices. This Special Issue of Remote Sensing seeks to showcase the latest research in this important area, that will ultimately help us as a species to monitor and manage the global food supply.

Guest Editors

Dr. Roger Lawes

Centre for Environment and Life Sciences, CSIRO, Floreat, WA 6014, Australia

Dr. Aniruddha Ghosh

Climate Action Research, Alliance of Bioversity International and CIAT, Nairobi, Kenya

Deadline for manuscript submissions

closed (31 July 2022)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/71366

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

mdpi.com/journal/remotesensing

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

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)