

Special Issue

Remote Sensing for Food Security, Sustainability, and Precision Agriculture

Message from the Guest Editors

Precision agriculture researchers use remote sensing for acquiring useful data about soil water content, soil salinity, plant evapotranspiration, soil temperature, and crop characteristics. Remote sensing helps farmers to estimate their crop yields and make informed decisions for optimal use of crop inputs to maximize the returns from their inputs while conserving resources. In modern-day agriculture, remote sensing is used to reap the benefits of sensors, computers, and decision support systems.

This Special Issue of Remote Sensing will publish content related to i) types of remote sensing systems, ii) elements involved in remote sensing, iii) advanced and basic processes of remote sensing, iv) applications of remote sensing specific to natural resource management, and v) the use of remote sensing in food security, sustainability, or precision agriculture.

Guest Editors

Prof. Dr. Aitazaz A. Farooque

Department of Engineering School of Sustainable Design Engineering,
University of Prince Edward Island, Charlottetown, PE C1A4P3, Canada

Dr. Farhat Abbas

Faculty of Sustainable Design Engineering, University of Prince Edward
Island, Charlottetown, PE C1A4P3, Canada

Deadline for manuscript submissions

closed (30 June 2022)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/77789

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)