

Special Issue

Internet of Things (IoT) Remote Sensing

Message from the Guest Editors

Remote sensing has evolved significantly with the advent of the Internet of Things that has enabled fast and cheap acquisition of data from millions and billions of interconnected devices deployed across the globe. The IoT and the continuous data stemming from IoT has changed the traditional interpretation of remote sensing (including the ways we capture and extract knowledge from this data). IoT Remote Sensing provides the foundation to support the development of Digital Earth Twins that will create massive opportunities to address important environmental and societal challenges in areas such as agriculture, smart cities, geology, among others. Potential topics of interest for this special issue (but not limited to) are:

- Opportunities and challenges in IoT Remote Sensing
- IoT Remote Sensing Applications, Use Cases, Real World Deployments
- Geospatial standards and data standards for IoT Remote Sensing
- Spatial data analytics
- Federated Learning for IoT Remote Sensing (across space, cloud, edge and devices)
- Mobile IoT Remote Sensing including UAVs
- Privacy and Security in IoT Remote Sensing
- Privacy-preserved data analytics for IoT Remote Sensing

Guest Editors

Prof. Dr. Prem Prakash Jayaraman

Dr. Federico Montori

Dr. Charith Perera

Dr. Felip Marti

Deadline for manuscript submissions

closed (31 March 2023)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/78243

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 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)