

## Special Issue

# Deep Learning and IoT Applications for Remote Sensing

### Message from the Guest Editor

The aim of this Special Issue of *Remote Sensing* is to collect articles (original research papers, review articles, and case studies) to provide insight into the application of deep learning approach and IoT in satellite remote sensing and GIS datasets to handle big data for generating more faster and accurate solutions in site-specific management of lands which involves monitoring, change detection forest vegetation mapping, and modelling for selecting suitable sites (e.g., flooding and drought) at various spatial and temporal changes. *Deep learning and IoT applications in Remote Sensing* is an open Special Issue, welcoming a variety of novel scientific articles including innovative and cutting-edge research using remote sensing techniques and data using different deep learning approaches and IoT from remote sensing platforms (ground truth data, satellite, aircraft, radar, drones, etc.) to the study-related issues in agriculture, forestry, urban planning, and management. The editor invites contributions on social, economic, and legal aspects of agriculture, urban planning, and forest management.

---

### Guest Editor

Dr. Ahamed Tofael

Associate Professor, Faculty and Life and Environmental Sciences,  
University of Tsukuba, 1-1-1 Tennodai, Tsukuba 305-8572, Japan

---

### Deadline for manuscript submissions

closed (31 August 2024)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.2  
CiteScore 8.3



[mdpi.com/si/136536](https://mdpi.com/si/136536)

*Remote Sensing*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[remotesensing@mdpi.com](mailto: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)