

## Special Issue

# Multi-Task Remote Sensing Image Analysis: Classification, Segmentation, and Change Detection

### Message from the Guest Editor

The advancements in remote sensing technologies have opened new possibilities for multi-task image analysis, offering opportunities for solving complex challenges in classification, segmentation, and change detection. This Special Issue, *Multi-Task Remote Sensing Image Analysis: Classification, Segmentation, and Change Detection*, aims to bring together innovative research addressing the integration of these tasks to improve accuracy and efficiency in remote sensing applications. These multi-task approaches are crucial for various domains such as environmental monitoring, land use analysis, disaster management, and urban planning. The goal of this Special Issue is to present state-of-the-art methods that unify or enhance different image analysis tasks, such as scene classification, semantic segmentation, and temporal change detection, within the remote sensing domain. We invite researchers to contribute novel algorithms, models, and frameworks that advance the field of multi-task learning and facilitate comprehensive and scalable remote sensing image analysis.

---

### Guest Editor

Dr. Liguu Weng  
School of Automation, Nanjing University of Information Science & Technology, Nanjing, China

---

### Deadline for manuscript submissions

closed (15 March 2026)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/217532](https://mdpi.com/si/217532)

*Remote Sensing*  
Editorial Office  
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 4.1  
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)