

## Special Issue

# Applications of Remote Sensing in Monitoring Ionospheric and Atmospheric Physics

### Message from the Guest Editors

In this Special Issue, we aim to improve the understanding of ionospheric and atmospheric physics by the application of remote sensing of the ionosphere and atmosphere. Both original research and review papers are welcome. We encourage contributions to topics including but not limited to:

- Spatial and temporal distributions in the ionosphere/atmosphere
- Ionospheric irregularities
- Ionospheric/thermospheric modeling
- Ionospheric data assimilation
- Ionosphere-Thermosphere coupling
- Traveling ionospheric/atmospheric disturbances
- Remote sensing by radio waves and optical imaging
- Ionospheric/thermospheric weather

This Special Issue is the second edition of *Remote Sensing* Special Issue entitled *Applications of Remote Sensing in Monitoring Ionospheric Physics and Ionospheric Weather Forecasting*.

---

### Guest Editors

Dr. Chunhua Jiang

Prof. Dr. Huijun Le

Dr. Ercha Aa

Dr. Zheng Li

---

### Deadline for manuscript submissions

closed (31 May 2024)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/174548](https://mdpi.com/si/174548)

*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)