

Special Issue

Applications of Remote Sensing in Monitoring Ionospheric and Atmospheric Physics (Third Edition)

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 to the ionosphere and atmosphere. Both original research and review papers are welcome. We encourage contributions to topics including, but not limited to, the following:

- 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 third edition of this topic. **The first edition:** [Applications of Remote Sensing in Monitoring Ionospheric Physics and Ionospheric Weather Forecasting](#). **The second edition:** [Applications of Remote Sensing in Monitoring Ionospheric and Atmospheric Physics](#)

Guest Editors

Dr. Chunhua Jiang

Prof. Dr. Huijun Le

Dr. Ercha Aa

Dr. Zheng Li

Deadline for manuscript submissions

28 February 2026



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/207652

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)