

## Special Issue

# Feature Papers of Section “Atmospheric Remote Sensing” (Second Edition)

### Message from the Guest Editors

This Special Issue is the second volume of the Issue “[Feature Papers for Atmospheric Remote Sensing](#)”. On the basis of the previous research results, this volume aims to present recent advances in atmospheric remote sensing derived from ground-based and spaceborne observations. Papers related to the following topics are welcome:

- Atmospheric radiative transfer;
- Remote sensing of atmospheric aerosol;
- Remote sensing of trace gases including CO<sub>2</sub>, O<sub>3</sub>, CH<sub>4</sub>, SO<sub>2</sub>, and NO<sub>2</sub>;
- Remote sensing of terrestrial clouds;
- Remote sensing of precipitation;
- Precipitable water vapor retrieval techniques;
- Study of aerosol–trace gases–clouds interactions;
- Inversion theory;
- Machine learning approach for atmospheric retrieval;
- Validation of geophysical products.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 December 2025)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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### 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.

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### Editors-in-Chief

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