

## Special Issue

# Remote Sensing Calibration and Validation in Sounding Atmosphere and Ionosphere

### Message from the Guest Editors

This Special Issue aims to collect papers with new results of diverse aspects of remote sensing techniques in the sounding of the atmosphere and ionosphere, including the development of active and passive optical and radio instruments, GNSS radio occultation (GNSS-RO) and reflectometry (GNSS-R) techniques, calibration and validation, comparison and application of datasets, and new retrieval methods, etc. Potential topics for this Special Issue include, but are not limited to:

- GNSS RO atmospheric datasets calibration, validation, comparison and application
- GNSS-R datasets calibration, validation, comparison and application
- Development of new and advanced active and passive optical and radio instruments
- Calibration, validation, comparison and application of datasets from active and passive optical and radio instruments
- Study of retrieval methods

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### Guest Editors

Prof. Dr. Yajun Zhu  
Prof. Dr. Weihua Bai  
Prof. Dr. Jiyao Xu

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### Deadline for manuscript submissions

closed (30 May 2025)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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## 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.

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### Editors-in-Chief

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