

Special Issue

Remote Sensing for Ionospheric Studies

Message from the Guest Editors

This Special Issue invites contributions that explore the application of remote sensing techniques to study the ionosphere, with a focus on new techniques, methodologies, and innovative approaches. The ionosphere plays a crucial role in space weather phenomena, affecting communication, navigation systems, and satellite operations. Understanding its dynamics requires advanced methods to monitor and analyze its complex structure and behavior. We encourage submissions on topics including but not limited to the following:

- Novel remote sensing techniques for ionospheric observations (e.g., radars, optical systems, and GPS);
- Multi-instrument observations of the ionosphere system;
- New algorithms for processing and interpreting remote sensing data;
- Observational and modeling studies of ionospheric physics and chemistries;
- The study of space weather phenomena, climatology, and ionospheric disturbances using remote sensing techniques;
- Cross-disciplinary studies involving ionospheric remote sensing and other atmospheric layers.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2025)



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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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