

Special Issue

Remote Sensing in Clouds and Precipitation Physics

Message from the Guest Editors

This Special Issue aims to advance our understanding of clouds and precipitation physics by leveraging state-of-the-art remote sensing methods and numerical weather modeling techniques. We invite the submission of original research and review papers that explore innovative approaches to observe, simulate, and interpret cloud and precipitation processes.

Contributions addressing multi-sensor integration, new technologies and methods, data assimilation techniques, and coupling between remote sensing observations and numerical models are particularly encouraged. **Potential topics** of interest include, but are not limited to, the following:

- Spatial and temporal variability of clouds and precipitation;
- In situ and remote sensing observations;
- Microphysical processes in cloud and precipitation formation;
- Aerosol–cloud–precipitation interactions and parameterizations;
- Observations of extreme precipitation events and their underlying mechanisms;
- Multi-platform remote sensing applications (e.g., satellite, radar, MWR, lidar, airborne platforms) of clouds and precipitation;

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Guest Editors

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Deadline for manuscript submissions

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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

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