



Radar Meteorology

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 September 2019)

Message from the Guest Editor

This Special Issue aims to collect new developments and methodologies, best practices, and applications of radar for atmospheric remote sensing in the context of weather applications. We welcome submissions that provide the community with the most recent advancements on operational aspects of meteorological radars, including but not limited to:

- Implementation and operational issues. As ground-based radars require an unobstructed view to achieve their full range, they are frequently operated in harsh mountain environments;
- Suppression and correction of non-meteorological signals like clutter, anaprop, beam refraction, hardware variations, and many more. Handling of Data gaps and beam shadow;
- Methodological improvements of signal conversion (reflectivity to rain rate, atmospheric motion);
- Data processing and validation;
- Integration of radar with ground-based observations, satellite data, and modelling approaches;
- Applications and improvements in coverage for remote regions;
- Applications in weather forecasting, early warning, and public alert;
- Any use case of radar related to meteorology.





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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.

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