



Remote Sensing of Precipitation

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Deadline for manuscript
submissions:

closed (31 December 2018)

Message from the Guest Editor

Remote sensing of precipitation is pursued through a broad spectrum of continuously enriched and upgraded sensors which can be ground-based (e.g., weather radars), satellite-borne (e.g., passive or active space-borne sensors), underwater (e.g., hydrophones), aerial, or ship-borne.

This Special Issue welcomes papers on all aspects of remote sensing of precipitation, including the use of remote sensing techniques of precipitation in tackling issues such as precipitation estimations and retrievals along with their methodologies and corresponding error assessment, precipitation modelling and its validation, instrument comparison and calibration, understanding of cloud microphysical properties, precipitation downscaling, precipitation droplet size distribution, assimilation of remotely sensed precipitation in Numerical Weather Prediction models, measurement of precipitable water vapor, new technological advances, campaigns and missions on precipitation remote sensing (e.g., TRMM, GPM) etc.

Keywords

- Precipitation
- Weather radar
- Quantitative Precipitation Estimation (QPE)
- Underwater precipitation remote sensing
- Cloud microphysical properties
- TRMM and GPM





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Message from the Editor-in-Chief

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