Special Issue

Remote Sensing of Precipitation

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

Guest Editor

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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.

Editor-in-Chief

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