Special Issue

Remote Sensing of Precipitation: Part III

Message from the Guest Editor

The remote sensing of precipitation is pursued through a broad spectrum of continuously enriched and upgraded instrumentation. This includes ground-based (e.g., weather radars), satellite-borne (e.g., passive or active space-borne sensors), underwater (e.g., hydrophones), aerial, or ship-borne sensors. This Special Issue will host papers on all aspects of the remote sensing of precipitation, including applications that embrace 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 modeling, including validation, instrument comparison, and calibration; understanding cloud microphysical properties; precipitation downscaling; precipitation droplet size distribution; the assimilation of remotely sensed precipitation into numerical weather prediction models; the measurement of precipitable water vapor, etc. Also, papers on new technological advances, as well as campaigns and missions on precipitation remote sensing (e.g., TRMM, GPM), are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2023)

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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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