

## Special Issue

# Meteorological Remote Sensing Algorithm and Applications for Clouds and Precipitation

### Message from the Guest Editors

Data and data products are the basis of meteorological scientific research and weather forecasting. With the development of technology, a wide range of meteorological remote sensing equipment has been developed. These devices provide us with huge amounts of data, and it is critical to process these data to obtain physical information about clouds and precipitation. This Special Issue focuses on recent advances in radar and satellite remote sensing algorithms for clouds and precipitation. These algorithms may include, but are not limited to, meteorological data quality control, the retrieval of clouds and precipitation properties, quantitative precipitation estimation or forecasting, and the assimilation of radar or satellite data in numerical weather prediction. Research may address the improvement of traditional algorithms and the development of new algorithms. Current machine-learning-related algorithms are also very welcome.

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### Guest Editors

Dr. Yang Zhang

Dr. Zhiqun Hu

Dr. Yabin Gou

Dr. Jiafeng Zheng

Dr. Hao Hu

Dr. Yi-Ning Shi

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### Deadline for manuscript submissions

closed (15 March 2023)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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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.

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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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