

## Special Issue

# Radar Polarimetry— Applications in Remote Sensing of the Atmosphere

### Message from the Guest Editors

Radar has been widely used for remote sensing of weather, climate, hydrology, and the environment. Over the past 30 years, numerous radar techniques and algorithms have been developed for measuring, modeling, simulating and forecasting the *Earth's* atmosphere state. In particular, polarization diversity has great potential to characterize precipitation microphysics and different atmospheric properties. The ground-based polarimetric radar can also be used for validation of satellite (i.e., passive or active space-borne sensors) observations and products. This Special Issue focuses on recent advances in polarimetric radar applications in geoscience and remote sensing. Contributions are welcome from all areas of active remote sensing of the atmosphere.

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### Guest Editors

Dr. Haonan Chen

Prof. Dr. V. Chandrasekar

Dr. Sanghun Lim

Dr. Tomoo Ushio

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### Deadline for manuscript submissions

closed (31 October 2019)



## Remote Sensing

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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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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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