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Radar Polarimetry—Applications in Remote Sensing of the Atmosphere

Guest Editors:

Dr. Haonan Chen

Prof. Dr. V. Chandrasekar

Dr. Sanghun Lim

Dr. Tomoo Ushio

Deadline for manuscript submissions:
closed (31 October 2019)

Message from the Guest Editors

Dear Colleagues,

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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Message from the Editor-in-Chief

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