Special Issue

Radar-Based Studies of Precipitation Systems and Their Microphysics

Message from the Guest Editors

Radar-based studies on understanding precipitation systems and their microphysical processes have dramatically advanced for the last few decades due to technological development of weather radars, in particular, dual-polarimetric radars and multiwavelength radars and advanced theory of the microphysical processes. This advancement continuously expands the fields of application of weather radar remote sensing. With this Special Issue, we systematically document state-of-the-art research that specifically addresses various aspects of weather radar applications into (1) precipitation (rain and snow) estimation, (2) description and understanding of microphysical processes, (3) comprehensive studies of microphysical aspects of precipitation systems, (4) ground and/or space-borne observation of precipitation, (5) precipitation process study with advanced measurements, and (6) scale aspects of precipitation systems. Review contributions are most welcome and papers describing new techniques, concepts, and comprehensive understanding of precipitation are desired.

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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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