

Special Issue

Advancements in Passive/Active Remote Sensing of Clouds and Precipitation

Message from the Guest Editors

The global water cycle consists of evaporation, condensation, precipitation, and the terrestrial ecosystem. Since clouds and precipitation are interconnected and fundamental components of the global water cycle, measurements of these components are necessary to understand the complete cycle. Currently, satellite remote sensing is the only practical means of acquiring long-term widespread observations of clouds and precipitation. With the advancement of remote sensing methods, especially those that combine passive and active sensors (on the same platforms or on different platforms such as satellites, airborne, and ground based), there will be a greater opportunity to provide more accurate and additional cloud/precipitation properties that will benefit weather and climate studies.

This Special Issue is focused on recent developments in the remote sensing of clouds and precipitation, in particular those methods that combine passive and active sensors.

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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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