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Clouds, Circulation and Climate Sensitivity Supported by Remote Sensing

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Deadline for manuscript submissions:
closed (25 March 2022)

Message from the Guest Editors

Dear Colleagues,

Atmospheric remote sensing has been used for decades, first with Radar, then with IR sensors, profilers, LIDAR, etc. Drones are also being used to measure environmental parameters where aircraft cannot easily go. Cloud microphysical properties are a particularly difficult problem for remote observations. Some advances have been made using differential radar reflectivity and polarization diversity measurements, and limb measurements from satellites can now make inferences about the water and ice content of clouds. All of these techniques have shown promise, but the schemes still need to be calibrated against in-situ measurements, which are often scarce. Still, efforts continue to make use of these techniques to probe clouds, many of which will appear in the pages of this Journal. To that end, we invite researchers to send manuscripts that touch on any of these topics to be considered in Journal of Remote Sensing.

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Dr. Feng Xu
Guest Editors

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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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