

Special Issue

Advances in Sensor Design and Algorithm Development for Cloud Remote Sensing

Message from the Guest Editors

With advances in instrumental industry and computational sciences, cloud remote sensing has benefited from advanced sensors, new retrieval algorithms and AI models. This Special Issue is focused on the latest developments in sensors and algorithms for cloud remote sensing. We therefore invite papers on the following topics:

- Sensors for next-generation cloud remote sensing satellites;
- Simulators for cloud radar and satellites;
- Remote sensing of clouds using combined active and passive sensor observations;
- Applications of cloud property products;
- Radiative transfer models for clouds;
- Remote sensing of clouds under extreme weather conditions.

Guest Editors

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Dr. Weihua Ai

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Deadline for manuscript submissions

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Remote Sensing

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Impact Factor 4.1
CiteScore 8.6



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About the Journal

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.

Editor-in-Chief

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