Special Issue

Satellite-Based Cloud Climatologies

Message from the Guest Editors

This Special Issue will address both traditionally compiled cloud climatologies and the foreseen and ongoing changed paradigms in applied cloud climatology approaches. We welcome articles addressing the following topics:

- Updates on the latest cloud climatology results from the longest available time series of satellite measurements.
- Validation studies of the above-mentioned data records.
- Can we trust trends in cloud properties from these long data records?
- Aspects to consider when comparing the above-mentioned data records to results from climate model simulations.
- New prototype climatologies of cloud properties enabled by sensors introduced during the last decade and during the next few years.
- New cloud detection approaches: Will ANN-based methods be able to provide both more accurate products and more accurate uncertainty information?
- Ways of bridging the gap between new and old types of cloud climatologies based on early sensors and the most recently introduced 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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