



Satellite-Based Cloud Climatologies

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Deadline for manuscript
submissions:

closed (30 June 2024)



mdpi.com/si/93189

Message from the Guest Editors

Dear Colleagues,

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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Special Issue



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