Special Issue

Advancements in Satellite and Ground-Based Retrievals for Aerosol and Cloud Characterization

Message from the Guest Editors

This Special Issue aims to showcase the latest advancements in the retrieval of aerosol and cloud properties from both satellite and ground-based measurements. We encourage submissions from, but not limited to:

- Novel satellite retrieval algorithms for aerosol and cloud properties, including those that address uncertainties and limitations.
- Advancements in ground-based remote sensing techniques (lidar, radar, sun photometers, etc.) for detailed aerosol and cloud characterization.
- Validation and intercomparison of satellite and ground-based aerosol and cloud products.
- Synergistic studies that combine satellite and ground-based measurements for enhanced aerosol and cloud property retrievals.
- Investigations into aerosol–cloud interactions using both satellite and ground-based observations.
- Retrieval of aerosol and cloud properties in challenging environments or under specific atmospheric conditions.
- Development and applications of new instrumentation and observational networks for aerosol and cloud monitoring....

Guest Editors

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Message from the Editorial Board

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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