Special Issue

Remote Sensing of Aerosol - Cloud Interactions

Message from the Guest Editors

This Special Issue focuses on improving the current understanding of remote sensing, resulting in a better understanding of the role of aerosol particles in cloud formation and developments and in clouds radiative effects. In this sense, the characterization of aerosols in clouds and in the vicinity of clouds is essential. We also encourage presenting the latest developments in inversion techniques to retrieve aerosol properties in cloudy conditions. Uses of long-term databases from space instruments and from ground-based networks (e.g., EARLINET, MPLNET, AERONET) and from intensive field campaigns are strongly encouraged. While remote sensing is the focus of this Special Issue, combining remote sensing measurements with model outputs is highly encouraged as well. **Key words:**

- aerosol–cloud interactions
- IPN and ICN formation
- ground-based networks for aerosols and clouds
- retrievals of aerosol and cloud properties

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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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