

Special Issue

Remote Sensing of Clouds and Aerosols: Techniques and Applications

Message from the Guest Editors

This Special Issue is aimed at the discussion of current developments, challenges, and opportunities in aerosol and cloud remote sensing using active and passive remote sensing systems. We therefore invite papers on the following topics:

- Radiative transfer modeling of polluted and mixed-phase clouds;
- Particle scattering measurements and modeling;
- Development of cloud and aerosol retrieval algorithms;
- The derivation of aerosol and cloud products for various (i.e., passive and/or active) satellite, airborne, and/or ground-based remote sensing instruments;
- Application of remote sensing observations to characterize aerosol and cloud properties;
- Aerosol–cloud interactions;
- Climatic effects of aerosols and clouds.

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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.

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