Special Issue

Aerosol and Cloud Properties Retrieval Using Satellite Sensors II: Focusing on Radiative Effects

Message from the Guest Editor

The physical and optical properties of aerosol and clouds are fundamental to charaxterize the uncertainty in climate change. In this sense, the satellite sensor is a great opportunity for the retrieval of properties over large areas, covering regions with a lack or low number of surface observations.

This is the second Special Issue on aerosol and cloud properties from satellite sensor observations. We focus on their radiative effects to provide knowledge on the interaction with radiative fluxes, both solar and terrestrial, and especially on their impact on the radiative balance. It calls for contributions that develop studies on the radiative effects of clouds and aerosols, as well as their mutual interaction with radiative fluxes, based on satellite sensors. We also encourage contributions that deepen our knowledge of the transition zone between cloud and aerosols from satellite data. Studies that combine satellite data with surface observations and radiative models are also welcomed, as well as review papers that compile the current state of the art in the estimation of aerosol and cloud radiative effects.

Guest Editor

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Deadline for manuscript submissions

closed (20 June 2024)

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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.

Editor-in-Chief

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