Special Issue

Application of Satellite Aerosol Remote Sensing in Air Quality

Message from the Guest Editors

Satellite remote sensing has become a well-established tool for characterizing and monitoring the properties of aerosols, and makes it possible to study the impacts of aerosols on air quality at high spatial resolution and large scale. This Special Issue aims to bring together the latest studies focused on the applications of satellite aerosol remote sensing and comprehensive studies of aerosol impacts on air quality. We also welcome papers related to multiscale aerosol retrieval algorithms and applications focused on long-term air quality monitoring or aerosol pollution episodes. Articles may address, but are not limited, to the following topics:

- Aerosol impacts evaluation using satellite aerosol products;
- Combination of numerical models and satellite products;
- Top-down aerosol emission estimation;
- Long-term variations and spatial differences of aerosols;
- New satellite aerosol retrieval algorithms;
- Remote sensing of aerosol components;
- Validations of satellite aerosol products;
- Aerosol data assimilation.

Guest Editors

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Deadline for manuscript submissions

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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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