Special Issue

Satellite and Ground-Based Remote Sensing of Aerosol Optical Properties—Future Outlook and Perspectives

Message from the Guest Editor

Advances in satellite- and ground-based remote sensing technology have contributed to overcoming the spatio-temporal coarse resolution and providing optical properties of air pollutants. Recently, the development of new sensing instruments using various wavelengths, networking of various remote sensing technologies, and improvement of retrieval algorithms have been introduced and improved. Manuscripts related to the following key scientific areas and segments are encouraged for this Special Issue:

- Optical properties for air pollutants including aerosols observed by satellite and ground-based remote sensing;
- Geophysical validation of remote sensing data with other independent observations (e.g., field campaign and in-situ monitoring) and atmospheric chemistry modeling results;
- New technology of remote sensing in the field of air quality and public health;
- Advanced platforms or networks to integrate various remote sensing instruments and technologies for air pollutants;
- Emerging research topics (e.g., secondary organic aerosols and light-absorbing carbonaceous matters) in remote sensing science and technology.

Guest Editor

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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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