

Special Issue

Stereoscopic Remote Sensing of Air Pollutants: Emission, Formation, and Transport

Message from the Guest Editors

In recent years, with the development of multi-platform remote sensing technologies such as satellite-based, airborne-based, ground-based, and ship-based sensing, the three-dimensional stereoscopic monitoring of air pollutants has been realized, providing a unique perspective for the analysis of the whole process of pollutant emission, transport, reaction, and deposition. Many of these emerging technologies are exciting and may inspire the scientific community, including geostationary satellites for trace gas observation, ground-based horizontal scanning, the development of a vertical multi-axis differential absorption spectrometer, trace gas monitoring lidar, and other optical methods. We welcome contributions addressing the following topics:

- The pinpoint and characterization of air pollution emissions.
- Process of air pollution.
- Source analysis of pollutants.
- Local and regional transport processes of pollutants.
- New techniques and algorithms for atmospheric remote sensing.
- New atmospheric physical and chemical models.
- Health risk of air pollutants.

Guest Editors

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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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