Special Issue

Satellite and In Situ Observations of Air Pollution

Message from the Guest Editors

Articles regarding original methods and analysis and the results of studies conducted on aerosols and trace gases, which are remotely monitored from space-based or surface-based platforms (e.g., NO2, SO2, CO, O3, HCHO, CH4, N2O, NH3, BC), and incorporating further information from in situ observations are welcome. Specific topics of interest for this Special Issue include, but are not limited to:

- Applications of satellite and in situ data in air pollution modeling;
- Characterization of air pollution at the local and/or regional scales;
- Space-ground integrated system for air pollution monitoring;
- Impact of air pollution on urban, peri-urban and rural sites;
- Air pollution characterization by multivariate time series of remote sensing data;
- Synergistic ground–satellite products to analyze air pollutant emissions;
- Extension of remote sensing to new species, which have in situ measurements but are not currently available via existing remotely sensed products;
- Using remote sensing and in situ measurements together to constrain multiple species or impacts in tandem.

Guest Editors

Dr. Cristiana Bassani

Prof. Dr. Jason Blake Cohen

Dr. Muhammad Bilal

Deadline for manuscript submissions

closed (30 November 2023)

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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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