

## 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., NO<sub>2</sub>, SO<sub>2</sub>, CO, O<sub>3</sub>, HCHO, CH<sub>4</sub>, N<sub>2</sub>O, NH<sub>3</sub>, 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.

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### Guest Editors

Dr. Cristiana Bassani  
Prof. Dr. Jason Blake Cohen  
Dr. Muhammad Bilal

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### Deadline for manuscript submissions

closed (30 November 2023)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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## About the Journal

### 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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### Editors-in-Chief

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