Special Issue

Satellite Remote Sensing of Atmospheric Aerosols for Air Quality Applications (Second Edition)

Message from the Guest Editors

The aim of this Special Issue is to explore the latest advancements in satellite remote sensing of atmospheric aerosols for air quality applications. We invite submissions that showcase innovative methodologies, techniques, and applications related to remote sensing analysis in the context of aerosol monitoring. We welcome research articles, reviews, and case studies that address the following topics:

- Satellite remote sensing data acquisition and preprocessing techniques for aerosol monitoring.
- Development and validation of algorithms and models for satellite-based retrieval of aerosol properties.
- Integration of remote sensing data with other sources of information, such as ground-based observations, for comprehensive aerosol assessments.
- Applications of satellite remote sensing in air quality monitoring, including source attribution and regional-scale variability analysis.
- Evaluation of the effectiveness of satellite remote sensing in informing regulatory and policy actions to reduce air pollution.

Guest Editors

Dr. Seohui Park

1. Goddard Earth Sciences Technology and Research (GESTAR) II, Morgan State University, Baltimore, MD 21251, USA
2. Goddard Space Flight Center, NASA, Greenbelt, MD 20771, USA

Prof. Dr. Jungho Im

Department of Civil, Urban, Earth, and Environmental Engineering, UNIST (Ulsan National Institute of Science and Technology), Ulsan, Republic of Korea

Deadline for manuscript submissions

closed (15 June 2025)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/192622

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

mdpi.com/journal/remotesensing

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/journal/remotesensing

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.

Editor-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank:

JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)