Remote Sensing of Particulate Matter, Its Components and Air Pollution Assessment

Guest Editors:

Dr. Ying Li
Associate Professor, Department of Ocean Science and Engineering, Southern University of Science and Technology, Shenzhen, China

Prof. Dr. Ismail Gultepe
Faculty of Engineering and Applied Science, Ontario Technical University, Oshawa, ON L1G 0C5, Canada

Dr. Pradeep Khatri
Center for Atmospheric and Oceanic Studies, Graduate School of Science, Tohoku University, Sendai City 980-8578, Japan

Deadline for manuscript submissions:
30 September 2024

Message from the Guest Editors

We encourage authors to submit articles describing original research results from measuring and estimating PM and its components in the atmosphere and assessing the environmental and climatic impacts of air pollution using satellite remote sensing, AI, and numerical models.

Topics include (but are not limited to):

- New algorithms for PM and its component remote sensing from different satellites (such as MODIS, MISR, OMI, VIIRS, OMPS, GOES-R, GOES-S, Himawari-8/9 GOCI, GEMS);
- New method for the estimation of PM and its component, applying satellite remote sensing, AI, and numerical models.
- Innovative approaches for analyzing remote sensing data for air quality and air pollution assessment;
- Air quality product development, validation, and inter-comparison;
- Research into important aspects of air pollution control based on remote sensing data (remote sensing observation data analysis, source emission inventory estimation, air quality model improvement, source resolution, health exposure).

Special Issue

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

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.

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*)

Contact Us