



Multi-Source Remote Sensing Observations of Aerosol Properties and Air Quality

Guest Editors:

Dr. Adrianos Retalis

National Observatory of Athens,
Institute for Environmental
Research and Sustainable
Development, Athens, Greece

Prof. Dr. Sonoyo Mukai

School of Applied Information
Technology, The Kyoto College of
Graduate Studies for Informatics,
Kyoto 606-8225, Japan

Deadline for manuscript
submissions:

closed (31 July 2024)

Message from the Guest Editors

It is well known that aerosols play an important role in the Earth's radiation system and atmospheric environment. Along with this, the difficulty in understanding aerosol characteristics, which are highly variable in space and time, is also well known. Remote sensing from satellites, airplanes, and the ground are the most powerful means of aerosol measurement.

There is no doubt that the global climate crisis and air pollution are worsening. Due to these trends, various aerosol and cloud sensors will be installed on the Earth observation satellites to be launched soon, such as EarthCARE, EPS-SG, PACE, MAIA and so on. Advanced meteorological satellites can also be considered aerosol sensors. Other sensors (MODIS, CALIPSO, Sentinel-5P) also provide valuable information on aerosol properties and air quality. The development of data analysis algorithms that can cope with the remarkable growth of these devices and the integrated use of multiple sensors is required.

Manuscripts from various perspectives, whether observational, theoretical, or experimental, are welcomed.





an Open Access Journal by MDPI

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

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)