



Advances in Remote Sensing of Aerosols and Cloud Properties over Ocean

Guest Editors:

Dr. Feng Xu

Dr. Pengwang Zhai

Dr. Olga Kalashnikova

Dr. Robert Frouin

Deadline for manuscript
submissions:
closed (31 December 2020)

Message from the Guest Editors

Dear Colleagues,

It is our great pleasure to organize a special issue of “**Advances in Remote Sensing of Aerosols and Cloud Properties over Ocean**” in the journal *Remote Sensing*. This Special Issue aims at providing an overview of the recent advances in aerosol and cloud remote sensing over ocean. We invite investigators to contribute research and review articles that explore the following topics,

1. Development of advanced aerosol and cloud remote sensing technologies over ocean;
2. Validation/inter-comparison of instrument observations and models;
3. Light scattering modeling for aerosols and hydrosols of various shape, size, and composition;
4. Radiative transfer modeling in complex media and sensitivity studies of aerosols / hydrosols / cloud particles and ocean properties;
5. Inverse modeling that leads to improved characterization of aerosols / hydrosols / cloud particles and ocean properties;
6. Observational studies of aerosol, cloud, and ocean properties from regional to global scales.

Please feel free to disseminate this announcement to any colleagues who might be interested.

Kind regards,
Guest Editors





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, St. Alban-Anlage 66
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)