

Special Issue

Satellite Derived Global Atmosphere Product Validation/Evaluation

Message from the Guest Editor

Satellite-derived global atmosphere products span a vast set of atmospheric properties, obtained from numerous different sensors at a variety of spatial and temporal scales. These products represent major sources of continuous data at the global scale, allowing for monitoring the atmospheric environment and greatly contributing to a better understanding of atmospheric processes and of the climate system and its changes. The consistency of atmospheric products retrieved from satellite data is thus crucial and must be assessed in order to provide users with information on product accuracy, precision and stability. The validation/evaluation of satellite-derived global atmosphere products are challenging tasks that require the use of independent reference data. Useful datasets to quantify uncertainties and address validation include, but are not limited to, ground-based measurements and reference satellite products for satellite inter-comparison. This Special Issue invites contributions dealing with the validation/evaluation of radiometric and geophysical global atmospheric satellite retrievals.

Guest Editor

Prof. Dr. Maria João Costa

Institute of Earth Sciences (ICT), Institute of Research and Advanced Training, University of Évora, 7000-671 Évora, Portugal

Deadline for manuscript submissions

closed (30 November 2019)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/20469

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

[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)





Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)



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.

Editors-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

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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)