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

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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

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