Special Issue

Satellite Derived Global Ocean Product Validation/Evaluation

Message from the Guest Editors

Ocean satellite instruments provide short-term to long-term (hourly to decadal) observations of physical and biogeochemical phenomena and properties in the global ocean at high spatial resolution. Ocean-observing satellite sensors have been launched recently by international space agencies including NASA, NOAA, ESA and JAXA and operationally measure the various physical, biological, and biogeochemical variables in the ocean. Validation/evaluation efforts and uncertainty assessments are crucial to providing more accurate satellite-derived ocean products. Validation of the satellite products requires a combination of ground field measurements, instrumented surface sites, inter-satellite comparisons, and research and modeling efforts with robust methodologies. In this Special Issue, we encourage contributions including, but not limited to, the validation/evaluation of the oceanic radiometric, geophysical and biogeochemical retrievals from various ocean satellite instruments, inter-sensor bias correction, formal error analysis of satellite-observation systems, stability of satellite data and inter-comparison and assimilation of ocean products from multiple sensors.

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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.

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