Special Issue

Optical Oceanographic Observation

Message from the Guest Editors

With the advent of new space platforms and advanced sensor technology in the optical region of the electromagnetic spectrum, multi-spectral optical remote sensing data has significantly contributed to the improvement of our understanding of oceanic phenomena and processes over the past decades. Recent advances in optical oceanic remote sensing have been accomplished by significant technological improvements in terms of the quality and quantity of observation data, observation frequency capability, and spatial and spectral resolutions. Such optical observations have been extensively utilized to investigate and understand the spatiotemporal variability of the chlorophyll-a concentration of phytoplankton, which can be used as an indicator of the low-level marine ecosystem, as well as to study harmful algae. Other oceanic features associated with suspended sediment, water quality, coastal bathymetry, vessel-related matters, oil and chemical spills, sea ice, and sea fog have also been extensively monitored. This Special Issue is devoted to the advances in the studies of optical remote sensing technology and its applications in ocean studies.

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Deadline for manuscript submissions

closed (30 November 2021)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/40033

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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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