Special Issue

Remote Sensing Applications in Ocean Observation

Message from the Guest Editors

Since the launch of Seasat, TIROS-N, and Nimbus-7 satellites equipped with ocean observation sensors in 1978, there has been a new era of studying ocean from satellites. Today, ocean remote sensing data observed from satellites have been widely used in oceanographic studies. Drones and coast-based sensors are also used to observe ocean phenomena. Therefore, this Special Issue will cover all aspects of the application of remote sensing data/techniques in ocean observations using data from spaceborne, airborne, and ground sensors, as well as artificial intelligence and big data technologies. The scope of this Special Issue includes but is not limited to the use of ocean color sensors, radiometers, scatterometers, altimeters, radars, and LiDAR applications in ocean observations, such as internal waves, eddies, oil spills, algae blooms, sea ice, stray waves, upwelling, bathymetry, atmosphere–ocean coupling, etc. The use of drones to observe marine debris and coastal radars to observe ocean waves and coastal currents are also welcome.

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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.

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