



Remote Sensing Applications in Ocean Observation (Second Edition)

Guest Editor:

Prof. Dr. Chung-Ru Ho

Department of Marine
Environmental Informatics,
National Taiwan Ocean
University, Keelung 202301,
Taiwan

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Message from the Guest Editor

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 comprehensively cover 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. Studies on 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

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Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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