



sensors



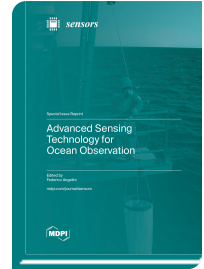
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This Special Issue showcases innovative methods, including advanced signal processing and machine learning, to enhance ocean data quality and integration, fostering a deeper understanding of ocean–climate interactions. Despite their significance, many aspects of ocean science remain underexplored due to the complex interplay of physical, chemical, biological, and human factors. This Special Issue’s papers cover a diverse range of topics, including improving sonar mosaics with curvelet transform, refining BGC-Argo radiometry, mapping bathymetry using Sentinel-2 and HPC, estimating Arctic water transport, the use of UAV-based LiDAR, optimizing wind sensing, analyzing heat flux at the sea–air interface, modeling float resistance, studying ocean turbulence, and leveraging AI for whale call analysis.



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