Special Issue

Sentinel-3 Satellites: A Three-Sensor Mission to Observe the Physical, Bio-Optical and Biogeochemical Properties of Marine/Water Bodies

Message from the Guest Editors

The Sentinel-3 satellite, as part of the European Copernicus program, is primarily an ocean mission. Sentinel-3A and the twin Sentinel-3B satellites carry three main sensors, specifically an SAR radar altimeter, SST radiometer and ocean colour imager. In this Special Issue we invite contributions highlighting how Sentinel-3 data are improved (technologies, algorithms, etc.) and used (also in combination/synergy with in situ and other satellite missions and/or modelling tools) to contribute to the study/research/monitoring (also operationally) of the ocean from the global to the coastal scale. Of particular interest are also studies addressing synergies between the three Sentinel-3 sensors. Comparative studies made possible by the Sentinel-3A/B tandem phase are also encouraged. Work that seeks to build on the previous records of SST, Ocean Color, and altimetry are also encouraged (especially with ENVISAT). This includes improvements in quality and consistency with applications to interannual and climate scale variability.

Guest Editors

Dr. Stefano Vignudelli

Dr. Jorge Vazquez

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Deadline for manuscript submissions

closed (31 July 2023)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/23334

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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.

Editor-in-Chief

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