

Special Issue

Applications of Satellite Altimetry in Ocean Observation

Message from the Guest Editors

Over the last 30 years, satellite altimetry has provided global high-accuracy sea surface height measurements, enhancing our understanding of the upper ocean circulation from the (sub-) mesoscale to larger scales. The development of novel technologies, such as SAR Doppler altimetry, interferometric altimetry and swath instruments, together with new methods of reprocessing historical data, offers unique opportunities to study ocean dynamics from satellite altimetry data. In this Special Issue, we invite high-quality scientific papers that use satellite altimetry observations to study the dynamics of the ocean. We welcome studies dealing with (i) the assessment of global and regional sea levels, (ii) surface currents and sea state at different spatiotemporal scales, (iii) multi-platform observations, (iv) the interaction between the open ocean and the coastal seas and (v) the evaluation of uncertainties related to altimetry data.

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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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