

Special Issue

Remote Sensing of the Sea Surface and the Upper Ocean

Message from the Guest Editor

This Special Issue is focused on the latest developments in remote sensing of the ocean using active/passive microwave, optical, and IR instruments, on physical mechanisms of “imprinting” of various oceanic/atmospheric phenomena in the imagery of the sea surface and of the near-surface layers in different bands of electromagnetic waves. We would like to encourage submissions in the areas of theory and models of electromagnetic scattering, as well as in field and laboratory experiments, including but not limited to the following topics:

- Radar remote sensing of the sea surface (scattering mechanisms, polarized and multiband radar probing, scatterometry, altimetry);
- Optical remote sensing of the ocean and inland waters;
- Detection and characterizations of oceanic/atmospheric phenomena using their manifestations on the sea surface and in the upper water layers;
- Marine slicks: their dynamics and remote sensing.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2023)



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About the Journal

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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