



Remote Sensing of the Sea Surface and the Upper Ocean

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submissions:
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Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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