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High Winds and High Seas

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Message from the Guest Editors

Ocean-based extreme weather events are among the most challenging environments for remote sensing of surface properties, yet these systems have a disproportionately large impact on society and the Earth's energy and water cycles.

This special issue focuses on remote sensing of the ocean surface (e.g., wind speed and direction, wave characteristics, temperature, humidity, sea spray, white cap fraction and precipitation), observations related to the oceanic and atmospheric boundary layers, and the coupling of the boundary-layer with the free atmosphere. Connections between the remote sensing measurements and the dynamics of extreme weather events are especially encouraged. Furthermore, techniques that better link remote sensing to in situ data are also welcome, as well as improvements in the calibration (accuracy and parameter space).

Topics include satellite and airborne observations, as well as sub-surface observations.



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Special Issue



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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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