



## Remote Sensing and Parameterization of Air-Sea Interaction

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submissions:

**closed (30 April 2024)**

### Message from the Guest Editors

The aim of this Special Issue is to publish original research manuscripts focused on the application of remote sensing science and technology in estimating the air-sea interactions on various scales. We aim to publish papers related to (1) novel/improved methods and/or retrieval algorithms of satellite remote sensing and radar detection, and (2) satellite/radar data assimilation in weather forecasting and ocean current prediction, to benefit the community, open to everyone in need of them. We encourage submissions from researchers all around the world.

The scope of this Special Issue includes, but is not limited to:

- Sea surface wind and wave status remote sensing;
- Lidar retrieval algorithms of atmospheric boundary layer height, sea surface wind, and waves;
- Satellite and lidar data fusion and assimilation for coastal weather forecast and ocean current prediction;
- Validation of global database of air-sea interaction forecasting;
- Remote sensing, lidar detection, and numerical simulation of air-sea interactions under hurricane/typhoon environments.





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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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