

Special Issue

Investigating the Air-Sea Interaction Processes

Message from the Guest Editors

The air-sea interface plays a crucial role in shaping the Earth's climate system. The exchange of heat, momentum, gases, and moisture between the atmosphere and the ocean, including the sub-surface layer, drives significant weather phenomena. In addition, the ocean heat content plays a crucial role in major atmospheric processes, such as cyclones and monsoons. This Special Issue seeks to advance our understanding of the physical, thermo-dynamic, chemical, and biological processes that govern air-sea interactions. Topics of interest include but are not limited to, the following subjects:

- Dynamics of air-sea interactions;
- Ocean-atmosphere coupling;
- Remote sensing of air-sea interactions;
- Modeling and simulations;
- Impacts of air-sea interactions on marine ecosystems;
- Ocean heat content.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

Editor-in-Chief

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