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.

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Message from the Editor-in-Chief

Journal of Marine Science and Engineering (*JMSE*, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

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