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Air-Sea Interaction and Climate Variability in the Ocean: Observations and Modeling Based on Remote Sensing Techniques

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Message from the Guest Editors

The ocean and atmosphere are a complex coupled system, with air- sea interactions occurring on multiple spatial and temporal scales. The study of large-scale sea-air interactions has made remarkable achievements in the last half century. Nowadays, an increasing amount of high-resolution ocean remote sensing data, including sea surface temperature, salinity, precipitation, winds, sea level height, seawater color, and soon-to-be-realized total currents, provide new opportunities to better understand sea-air interactions and climate variability. This Special Issue calls for innovative research results, methods and models for air- sea interactions and climate change based on remote sensing. Acceptable topics include, but are not limited to, processes, mechanisms, and drivers of regional or global sea-air interactions, model simulation and parameterization schemes, and drivers of climate change, methods and key parameters for improving climate model simulation results, etc.

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Message from the Editor-in-Chief

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