



Microwave Passive Remote Sensing of Sea Surface Temperature, Salinity and Wind Vector

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submissions:

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Message from the Guest Editors

Dear Colleagues,

Sea surface temperature (SST), salinity (SSS), and wind vector (SSW) are extremely important geophysical parameters in the ocean–atmosphere system and play key roles in understanding climate variation, weather prediction, and air–sea interactions. Passive microwave radiometers with large wavelength and strong penetration have been applied to monitor the open ocean for several decades and provide a large amount of valuable marine environmental information data. However, there are still challenges related to measuring these parameters with high accuracy and spatial resolution, especially in cold-water and coastal regions.

This Special Issue is focused on the latest developments in passive microwave remote sensing of the sea surface temperature, salinity, and wind vector. We welcome papers exploring the areas of microwave passive sensors, theory, and models of microwave radiation in field and laboratory experiments. More details can be read on the website.

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Message from the Editor-in-Chief

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