



Sea Surface Temperature: From Observation to Applications II

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Message from the Guest Editors

Dear Colleagues,

Considering an environment facing global and accelerated climate change, sea surface temperature (SST) was defined by the World Meteorological Organization as an essential climate variable contributing to the characterization of the Earth's climate. Recent studies confirmed that a huge amount of energy is stored in the oceans; thus, SST has emerged as a proxy of this energy reservoir, aiding in deriving future trends in climate change and determining their impacts on the frequency of weather extremes and growing effect on human societies. Energy storage has a considerable impact on the atmosphere-ocean system through heat exchange. SST monitoring and analysis have advanced considerably due to the significant interest and research in these fields.

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Message from the Editor-in-Chief

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