

Special Issue

Sea Surface Temperature: From Observation to Applications II

Message from the Guest Editors

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.

Guest Editors

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Deadline for manuscript submissions

closed (10 October 2023)



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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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