

Special Issue

Sea Level Fluctuations

Message from the Guest Editor

This Special Issue of *JMSE* is devoted to the wave processes of the ocean, which are of crucial importance for its inhabitants. In addition, they play a crucial role in the energy exchange of geospheres and the Earth's climate. Especially interesting are questions related to the nonlinear interaction of oscillations and waves of different frequency ranges, which lead to the formation of catastrophic phenomena. In the study of ocean wave processes, ranging from tidal to hydroacoustic, it is essential to study the physics of their occurrence, development, and transformation into neighboring geospheres. When studying tidal processes, seiches, surface and internal sea waves, as well infragravity waves, the question of the primary source of these oscillations and waves is extremely interesting: whether from the ocean, atmosphere, or lithosphere. From this point of view, an interdisciplinary approach aimed at the simultaneous study of processes of similar frequency ranges in all geospheres is critically important.

Guest Editor

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About the Journal

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.

Editor-in-Chief

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