



Sea Level Fluctuations

Guest Editor:

**Prof. Dr. Grigory Ivanovich
Dolgikh**

V.I. Il'ichev Pacific Oceanological
Institute, Far Eastern Branch
Russian Academy of Sciences,
690041 Vladivostok, Russia

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Message from the Guest Editor

Dear Colleagues,

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 as 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.





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Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
Oceans Graduate School and The
UWA Oceans Institute, The
University of Western Australia,
Perth, WA 6009, Australia

Message from the Editor-in-Chief

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*Journal of Marine Science and
Engineering* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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