

Special Issue

Oceanic Internal Waves and Internal Tides in the East Asian Marginal Seas

Message from the Guest Editors

Oceanic internal waves (IWs) at frequencies from local inertial (e.g., near-inertial internal waves) to buoyancy frequencies (nonlinear internal waves or internal solitary waves) sometimes including diurnal and semidiurnal tidal frequencies play an important role in redistributing heat, momentum, materials, and energy via turbulent mixing. The IWs are ubiquitously found in many seas, including East Asian marginal seas (South China Sea, East China Sea, Yellow Sea, East Sea or Japan Sea, Okhotsk Sea), significantly affecting underwater acoustics, coastal and offshore engineering, submarine navigation, biological productivity, and the local and global climate. On the IWs in some regions, our understanding of the IWs in the East Asian marginal seas is still in a primitive state and the mechanisms underlying every stage (generation, propagation, evolution, and dissipation) of IWs are not always clear. This Special Issue invites papers related to all fields of both low- and high-frequency IW studies in the specified region, including remote sensing, in situ observations, theories, or numerical models. Prof. Dr. SungHyun Nam

Guest Editors

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Deadline for manuscript submissions

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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.

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