

Special Issue

Population Dynamics of Benthic-Pelagic Organisms in Relation to Oceanographic Features in East Sea, Korea

Message from the Guest Editors

The East Sea is characterized by relatively small sized and semi-enclosed geographical features. It is regarded as a miniature version of the ocean showing very dynamic environmental conditions with respect to its physical, chemical, and biological characteristics. The variations in water mass between the surface Tsushima warm water and the homogeneous cold deep water have influenced the dynamics of a marine ecosystem in the East Sea. Recently, the entire East Sea has warmed due to expansion of the Tsushima Warm Current in consequence of global climate change. The impact on and temporal responses of the biota to change, together with food web structures and benthic-pelagic processes, appear to be due to influences of climate, as well as the non-climate related past and continuing human impacts. In the absence of a baseline from which to compare past and future studies, however, it is impossible to predict effectively the impacts of anthropogeny and climate change on the biodiversity of the area. The purpose of this special issue is to publish the novel and high-quality research with respect to the below subjects as well as included other oceanographic and biological issues.

Guest Editors

Dr. Seung Ho Baek

Risk Assessment Research Center, KIOST (Korea Institute of Ocean Science and Technology), Geoje 53201, Republic of Korea

Dr. Joo Myun Park

Korea Institute of Ocean Science and Technology, Geoje 53201, Republic of Korea

Deadline for manuscript submissions

closed (6 February 2023)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/89674

Journal of Marine Science and Engineering

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

jmse@mdpi.com

mdpi.com/journal/

jmse





Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



[mdpi.com/journal/
jmse](https://mdpi.com/journal/jmse)



About the Journal

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

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

Author Benefits

High Visibility:

indexed with Scopus, SCIE (Web of Science), Ei
Compendex, GeoRef, Inspec, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean
Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 15.6 days after
submission; acceptance to publication is undertaken in 1.9
days (median values for papers published in this journal in
the first half of 2025).