

## Special Issue

# Marine Fishing Gear and Aquacultural Engineering

### Message from the Guest Editor

The demand for seafood is growing very rapidly around the world. In order to meet this demand, many new technologies have been developed in the field of fishing and aquaculture to contribute to the industry. For the better development of the fisheries sector, a lot of research is needed to improve the existing traditional fishing gear and aquaculture structures as well as to develop systems that combine artificial intelligence and reinforcement learning. The scope of this special issue aims to collect and review papers on research results on traditional fishing gear and aquaculture structural engineering, as well as research on fishing gear and aquaculture structural engineering by artificial intelligence, reinforcement learning, and simulation methods, and techniques and theories on the ecological impacts of fishing gear. This special issue particularly welcomes papers from engineering, numerical computing, and information science perspectives.

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### Guest Editor

Prof. Dr. Jihoon Lee

Department of Marine Production Management, Chonnam National University, Yeosu, Republic of Korea

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### Deadline for manuscript submissions

10 October 2026



## Journal of Marine Science and Engineering

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by MDPI

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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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

School of Engineering, The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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#### 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 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).