

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.

Guest Editor

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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
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