

## Special Issue

# Selection of Deep-Sea Aquaculture Species and Development of Supporting Technologies and Equipment

### Message from the Guest Editors

The "Selection of Deep-Sea Aquaculture Species and Development of Supporting Technologies and Equipment" aims to explore the identification of viable deep-sea species and the technological advancements required to support their sustainable cultivation. The scope includes species selection criteria, innovations in aquaculture systems, and the development of specialized equipment tailored to the harsh deep-sea environment. Historically, aquaculture has been limited to shallow waters, but recent advancements have shifted focus to deeper, more challenging habitats, driven by the need for resource diversification and environmental sustainability. Cutting-edge research focuses on enhancing species adaptability, improving biosecurity, developing autonomous systems for monitoring and feeding, and optimizing environmental control systems for deep-sea conditions. We are particularly interested in papers that present novel approaches to species selection, technological breakthroughs in aquaculture infrastructure, and strategies for overcoming the unique challenges posed by deep-sea environments, with a focus on sustainability and efficiency.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 August 2025)



## Journal of Marine Science and Engineering

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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

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