

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.

Guest Editors

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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

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