

Special Issue

Deep-Sea Mining Technologies: Recent Developments and Challenges

Message from the Guest Editors

More than a half century has passed from the first recognition of the potential of deep-sea minerals for future metal sources. At the time, it was considered technologically and economically easier to realize deep-sea mining. Many scientific, technological, and environmental advancements have been made over these 50 years. Nevertheless, no venture has started full-scale mining activity. Because many on-site experiments have been successful in recent years, it seems as if a new era of deep-sea mining is coming soon. However, some technological, economical, and environmental challenges still need to be addressed to realize deep-sea mining. In addition, a strong anxiety over the ecosystem impacts of mining operations in deep-sea areas is arising. In this Special Issue, the current status of deep-sea mining technologies and new challenges are introduced.

Guest Editors

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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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