Special Issue

New Frontier in Deep-Sea Sampling Technology

Message from the Guest Editors

Sampling is a comprehensive and detailed method in marine surveying. Deep-sea sampling technology includes drilling core sampling, sediment sampling, pore water sampling, biological sampling, and others. Drilling core sampling is important for understanding mineral deposits and their properties within the seafloor strata, with applications such as the exploration of cobalt-rich ferromanganese crusts or gas hydrates. Sediment sampling is critical to understanding the properties of the seafloor strata and the microorganisms within it. These deep-sea sampling techniques can be widely applied to the exploration of seafloor mineral resources, the investigation into the properties of seafloor strata, extraction research on seafloor microorganisms, and the analysis of marine biological species, playing a vital role in both engineering and scientific fields. The objective of this Special Issue is to collect research papers in the field of deep-sea sampling technology, including those related to the optimization of sampling equipment, development of sampling technology, sample analysis techniques, and beyond.

Guest Editors

Prof. Dr. Jiawang Chen

1. Donghai Laboratory, Zhoushan 316021, China
2. Ocean College, Zhejiang University, Zhoushan 316021, China

Prof. Dr. Shijun Wu

State Key Laboratory of Fluid Power and Mechatronic Systems, Zhejiang University, Hangzhou 310027, China

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Journal of Marine Science and Engineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

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

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