

Special Issue

AI-Empowered Marine Energy

Message from the Guest Editors

In recent years, much progress has been made in the field of offshore renewable energy, which is beneficial to the realization of a global energy green transformation and low-carbon development. However, the random fluctuations in renewable energy and the complex marine environments have limited the use of Marine Renewable Energy in the open sea. At present, the rapid development of artificial intelligence (AI) technology covers many aspects such as data analysis and prediction models. It has shown great applicability potential in the field of marine energy and is expected to promote newer developments in marine energy. Based on this, this Special Issue is expected to cover the latest achievements in the field of artificial intelligence technology and the comprehensive development of marine energy. Research topics include but are not limited to the application of AI in the design of new marine energy systems, optimization, and operation, as well as the AI-driven integration of offshore energy and marine resource industries. Reviews or research papers in related fields are also welcome.

Guest Editors

Prof. Dr. Zhaolong Han
Prof. Dr. Jianhua Zhang
Dr. Zhongqiang Liu

Deadline for manuscript submissions

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

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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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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

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