



Marine Alternative Fuels and Environmental Protection

Guest Editors:

Prof. Dr. Peilin Zhou

Department of Naval
Architecture, Ocean & Marine
Engineering, University of
Strathclyde, 100 Montrose Street,
Glasgow G4 0LZ, UK

Dr. Byongug Jeong

Department of Naval
Architecture, Ocean and Marine
Engineering, University of
Strathclyde, 100 Montrose Street,
Glasgow G4 0LZ, UK

Deadline for manuscript
submissions:

closed (30 April 2021)

Message from the Guest Editors

Dear Colleagues,

The shipping industry has encountered a huge challenge when it comes to making the right regulatory and investment decisions to comply with not only short-term emission regulations (such as IMO 2020 sulphur cap), but also the IMO long-term plans. In order to achieve zero-emission in marine transport activities, the transition of energy sources from traditional fossil fuels to clean fuels may be inevitable.

This Special Issue is motivated to introduce and exchange ideas and information in seeking cleaner shipping and production in response to the current marine environmental issue.

The scope of this issue can be more extensive than what is stated in the title, ranging from addressing the global challenges toward zero-emission to demonstrating the effectiveness of different state-of-the-art technologies.

It is believed that your participation and contribution to this Issue will provide a rare opportunity to reach our goal of marine environmental protection through improved strategies, plans, and technologies that promote the application of alternative and sustainable energy sources as marine fuel.

Prof. Dr. Peilin Zhou
Dr. Byongug Jeong
Guest Editors



mdpi.com/si/50086

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
School of Engineering, The UWA
Oceans Institute, The University
of Western Australia, Perth, WA
6009, Australia

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed with Scopus, SCIE (Web of Science), Ei Compendex, GeoRef, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean Engineering)

Contact Us

*Journal of Marine Science and
Engineering* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jmse
jmse@mdpi.com
X@JMSE_MDPI