



Sustainable Shipping: Alternative Fuels and Technologies for Marine Applications

Guest Editors:

Prof. Dr. Tatjana Paulauskiene
tatjana.paulauskiene@ku.lt

Dr. Jochen Uebe
jochen.uebe@ku.lt

Prof. Dr. Ludmila Filina-Dawidowicz
ludmila.filina@zut.edu.pl

Deadline for manuscript
submissions:

30 September 2023

Message from the Guest Editors

Dear Colleagues,

Maritime transport is extremely important for world trade, as more than 90% of world trade is carried out by sea. Consequently, fuel consumption and emissions from maritime transport continue to increase, which undoubtedly also contributes to climate change. Therefore, the shipping industry is under increasing pressure to act upon the Paris Agreement and reduce green-house gas (GHG) emissions. The substantial emission reductions which must be achieved over the next decades are expected to drive technology development and, in particular, the introduction of alternative fuels.

There are many options for alternative fuels such as biodiesel, hydrogen, ammonia, methane and methanol. Substantial investment is being put into researching safe and economically feasible alternative carbon-neutral fuels and into developing fuel technologies. We therefore invite you to submit articles based on laboratory and field experiments, including, but not limited to, the following topics: LNG; LPG; Biofuels; E-fuels; Technologies and solutions helping minimize the negative impact of shipping: carbon capture and storage technologies, scrubbers, treatment technologies, etc.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Tony Clare

School of Natural and
Environmental Sciences,
Newcastle University, Newcastle
upon Tyne NE1 7RU, UK

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.

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), GeoRef, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q1 (*Engineering, Marine*) / CiteScore - Q2 (*Ocean Engineering*)

Contact Us

*Journal of Marine Science and
Engineering*
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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