



Performance Assessment of Ship Energy Efficiency

Guest Editor:

Dr. Nikos Themelis

School of Naval Architecture and
Marine Engineering, National
Technical University of Athens,
Athens, Greece

Deadline for manuscript
submissions:

closed (15 October 2021)

Message from the Guest Editor

Dear Colleagues,

This Special Issue focuses on innovative tools and methods for the assessment and improvement of ship energy efficiency. There is an increasing interest in this field, which has been amplified by the available technologies for cost effectively obtaining large amounts of operational data, the advances in big data analytics, and specifically those related with the predictive and prescriptive analytics based on data-driven knowledge of the underlying physical processes.

On the other hand, there is a need in the maritime industry for both standardized frameworks for the evaluation of technological interventions (such as the ISO 19030 for the monitoring of changes in hull and propeller performance) and for efficient tools for real-time situation awareness.

Researchers from both academia and the industry are invited to submit original papers that advance the state of the art of this field. The studies shall cover either design and/or operational aspects related with ship energy performance monitoring, assessment, and optimization.





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* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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