

Special Issue

Life Cycle Assessment of the Shipping Sector

Message from the Guest Editors

Many innovative solutions involve marinisation for strategic maritime decarbonization. This fact makes the assessment of potential solutions increasingly attractive and meaningful, especially with life cycle analysis techniques providing a comprehensive, informative and systematic approach to assessing and forecasting performances of innovative technologies implemented in marine activities such as maritime transport, platform operations and renewable energy integration.

This Special Issue aims to present and exchange ideas and information on the life cycle analysis of innovative technologies and solutions tackling the current maritime decarbonization issue. This will help the marine sector to identify the excellence of potential innovative solutions in terms of life cycle performance and to advance the application of life cycle analysis technique in maritime research activities.

- life cycle analysis
- life cycle cost analysis
- marine transportation
- innovative power solutions
- green fuels
- marine emissions
- marinisation

Guest Editors

Dr. Haibin Wang

Dr. Hayoung Jang

Dr. Byongug Jeong

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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