Special Issue

Green and Smart Synergies in Port, Shipping and Water Transportation

Message from the Guest Editors

This Special Issue aims to gather a collection of highimpact original research and comprehensive review articles focusing on the key intersections of green technologies and smart systems throughout the maritime logistics chain. We seek research that moves beyond the optimization of single technologies or isolated segments, encouraging a holistic and systemic perspective. While much current research focuses on either green ships or smart port equipment, the real challenges and opportunities lie at their collaborative interface, such as in port-ship joint emission reduction mechanisms. Isolated optimizations can lead to "carbon leakage" or problem-shifting; for example, an efficient vessel arriving early at a congested port merely transfers its waiting time and associated emissions from sea to anchorage. Therefore, this Special Issue is dedicated to promoting research that transcends component-level analysis, focusing instead on integrated solutions that require cross-entity data sharing and collaborative decision-making.

Guest Editors

Dr. Dong Zhang

School of Maritime Economics and Management, Dalian Maritime University, Dalian, China

Dr. Chenrui Qu

School of Maritime Economics and Management, Dalian Maritime University, Dalian, China

Deadline for manuscript submissions

31 August 2026



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/250388

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

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G OC5, Canada

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

