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

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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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