

Special Issue

Operations for Sustainable Shipping and Port Management

Message from the Guest Editors

Air emissions from the maritime industry is a significant concern recently. Frequent shipping and port activities generate considerable air emissions, including carbon dioxide (CO₂) and sulphur oxides (SO_x). As the dominant greenhouse gas (GHG), CO₂ emissions may cause extreme weather and change ecosystems. The extensive emissions of SO_x may also lead to environmental and health problems, such as lung cancer. Therefore, controlling maritime transport emissions and promoting green shipping and port management is essential. To reduce air pollutants from maritime activities, various countermeasures are adopted by governments and organizations to meet 2050 emission goals. Also multiple types of green technologies (e.g., electrification, energy storage system, and shore power), as well as clean energies (e.g., liquefied natural gas, solar energy, and biofuel), are also promoted in the maritime transportation industry to reduce exhaust emissions. Most green measures are effective in reducing emissions, while the development of green transportation is still in its infancy.

Guest Editors

Dr. Ran Yan

Dr. Kum Fai Yuen

Dr. Mingyang Zhang

Deadline for manuscript submissions

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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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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 0C5, Canada

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