

Special Issue

Maritime and Inland Waterways Transportation

Message from the Guest Editors

With the deep internationalization of container transportation and continuous growth of port trade, ports are busier than ever, and the competition has become increasingly fierce. Berths and quay cranes are essential resources in container terminals, and making appropriate scheduling plans for berth and quay operation is imperative to enhance the effectiveness of container terminals. In addition, due to the growing maritime and inland traffic, the locks suffer from increasing stress when transferring vessels; some even become the bottleneck of navigation. Examples of this include the locks at Three Gorges Dam (TGD) and the Upper Mississippi River (UMR), where costly delay of vessels occurs frequently. This Special Issue aims to solicit high-quality, state-of-the-art research involving theoretical or technical innovation in the optimization of waterways transportation. Topics of interest include (but are not limited to):

- Maritime and inland waterways, shipping network optimization.
- Berth allocation, quay crane assignment, serial-lock scheduling problem, co-scheduling.
- Sailing speed optimization, ship routing.

Guest Editors

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Deadline for manuscript submissions

closed (10 April 2024)



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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

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