

Special Issue

Addressing Maritime Supply Chain Challenges via Industry 4.0

Message from the Guest Editors

Due to the frequent occurrence of supply chain disruptions, various issues have emerged in current shipping networks and ports. Supply chain disruptions can be caused by many factors, such as disease outbreaks, climate change, sudden demand shifts, and fiscal and monetary stimuli. The emergence of the Fourth Industrial Revolution (Industry 4.0) could assist the relevant stakeholders in addressing the major challenges caused by supply chain disruptions and help to make maritime supply chains more resilient. To define and implement Industry 4.0, some trends, such as the Internet of Things (IoT), blockchain, robotics, maritime transport automation, human-machine interface, and cyber-physical systems (CPSs), could be explored. The successful utilization of Industry 4.0 in the shipping industry needs a forward-thinking approach to leverage the benefits of Industry 4.0 in a more holistic way. The present Special Issue aims to bring together theoretical and practical research efforts on current shipping networks and port issues.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

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