



Addressing Maritime Supply Chain Challenges via Industry 4.0

Guest Editors:

Dr. Yui-Yip Lau

Division of Business and
Hospitality Management, College
of Professional and Continuing
Education, The Hong Kong
Polytechnic University, Kowloon,
Hong Kong

Dr. Junayed Pasha

Department of Biomedical,
Industrial and Systems
Engineering, Gannon University,
Erie, PA 16541, USA

Dr. Maxim A. Dulebenets

College of Engineering, Florida
A&M University-Florida State
University, Tallahassee, FL 32310-
6046, USA

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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.





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Editor-in-Chief

Prof. Dr. Tony Clare

School of Natural and
Environmental Sciences,
Newcastle University, Newcastle
upon Tyne NE1 7RU, UK

Message from the Editor-in-Chief

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*Journal of Marine Science and
Engineering* Editorial Office
MDPI, St. Alban-Anlage 66
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