

Special Issue

Management and Control of Ship Traffic Behaviours

Message from the Guest Editors

With the increasing volume of global maritime trade, the scale of the shipping industry is expanding and the number of ships is also increasing, all of which has led to persistently high maritime accident rates. Consequently, effective management and control measures are needed to ensure the safe and efficient operation of ships in waterways. On the other hand, cutting-edge technologies, such as big data, the Internet of Things, and artificial intelligence provide new opportunities to develop improved marine transportation systems. This Special Issue focuses on the critical aspects of managing and controlling ship traffic to ensure the safety, efficiency, energy conservation, and sustainability of maritime transportation. Therefore, the scope of research for this Special Issue includes but is not limited to traffic flow optimization, collision avoidance systems, ship motion control, intelligent traffic management systems, and human factors influencing ship traffic behavior and emerging intelligent ship technologies.

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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