

## Special Issue

# Recent Developments and Knowledge in Intelligent and Safe Marine Navigation

### Message from the Guest Editors

Marine navigation is a critical backbone of international trade and the global economy, supporting more than 80% of global trade. With the launch of intelligent shipping trails, emerging techniques have begun to play an important role in the maritime shipping domain. Intelligent and safe marine navigation can benefit from the development of artificial intelligence (AI), machine learning (ML), and big data analytic approaches in various aspects: intelligent shipping, traffic monitoring, early warning for critical scenarios, etc. Such cutting-edge techniques will enormously improve the intelligence and safety of ships now and in the future. The Special Issue "Recent Developments and Knowledge in Intelligent and Safe Marine Navigation" seeks original contributions covering emerging and frontier technologies, especially the practical applications of the intelligence and safety of ongoing ships in real operational conditions.

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### Guest Editors

Dr. Mingyang Zhang  
Prof. Dr. Xinyu Zhang  
Dr. Shanshan Fu  
Dr. Lei Dai  
Dr. Qing Yu

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### Deadline for manuscript submissions

closed (20 August 2023)



## Journal of Marine Science and Engineering

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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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### Editor-in-Chief

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