



Recent Developments and Knowledge in Intelligent and Safe Marine Navigation

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Message from the Guest Editors

Dear Colleagues,

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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Message from the Editor-in-Chief

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