

Special Issue

Applications of Sensors and Artificial Intelligence Techniques in Ships

Message from the Guest Editors

The application of new sensing and artificial intelligence (AI) technology in the field of intelligent ships is mainly reflected in improvements to environment enhancement and fusion, remote communication, intelligent decision-making, control, and route and energy efficiency optimization for ships. This Special Issue will focus on cutting-edge solutions to achieve the safe, green, and intelligent navigation of intelligent ships in the fields of environment perception, situation cognition, maneuver decision-making, and control. Key areas of focus include advanced ship detection and tracking, maritime data mining, ship trajectory fusion, navigation awareness enhancement, intelligent ship collision avoidance, intelligent aids in ship navigation, maritime traffic organization, navigational risk assessment and control, maritime traffic supervision, and MASS.

Guest Editors

Dr. Jiansen Zhao

Merchant Marine College, Shanghai Maritime University, Shanghai 201306, China

Dr. Xinjian Wang

Navigation College, Dalian Maritime University, Dalian, China

Dr. Rong Zhen

Navigation College, Jimei University, Xiamen 361021, China

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Journal of Marine Science and Engineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

School of Engineering, The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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