Special Issue

Application of Artificial Intelligence in Maritime Transportation

Message from the Guest Editors

The use of cargo carriages is mainly implemented by ships worldwide as a manner of cost-effective transport. The recruitment of new ship crews has become difficult due to piracy, staying away from home for long periods of time, etc. The new development of artificial intelligence (AI) techniques demonstrates tremendous potential in alleviating the above-mentioned disadvantages. It can be envisioned that AI techniques may require fewer on-board ship crew members, whilst the maritime traffic safety and efficiency will be obviously enhanced as well. More specifically, AI techniques will be introduced to revolutionize the shipping industry by conducting the following tasks: maritime traffic situation awareness, automated ship controlling, optimal ship trajectory planning, ship-shore-vehicle collaboration, etc.

We invite full paper submissions fitting the general theme of "application of artificial intelligence in maritime transportation". Moreover, we encourage submissions from a broad range of research fields related to maritime transportation issues.

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About the Journal

Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (*JMSE*; ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

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