



Optimal Maneuvering and Control of Ships

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Message from the Guest Editors

In recent years, marine surface vehicles have attracted a lot of attention and prevailed in diversified scenarios, such as marine environmental monitoring, autonomous cruise and maritime surveillance, etc. A large amount of meaningful research progress has been acquired for the maneuvering and control of marine surface vehicles, including the path following control, the formation control, the obstacle avoidance control, the cooperative maneuvering for the multi vehicles, and so on. This progress may facilitate the application of theoretical algorithms in the intelligent navigation and cooperative maneuvering.

The purpose of special session at the journal of marine science and engineering is to provide the latest research results in fields of the optimal maneuvering and control of ships. The Special Issue includes, but is not limited to, the following topics:

- marine surface vehicles
- maneuvering in marine environment
- course keeping and path following control
- cooperative control mission for multi vehicles
- dynamic positioning
- other advanced techniques in automatic navigation





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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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