

Special Issue

Control, Guidance, Coordination, and Localization of Autonomous Marine Vehicles

Message from the Guest Editors

Autonomous marine vehicles are means to deploy distributed sensors over aquatic domains to enrich knowledge on otherwise hard-to-reach or even unreachable places. Their use has been widely accepted by the scientific, military, and industrial communities to overcome many barriers (risks, economical, performance). However, aquatic environments pose singular constraints and extreme challenges that demand advanced techniques to enable fully autonomous operation of vehicles.

This Special Issue aims at gathering recent advances on control, guidance, cooperation, and localization of autonomous marine vehicles. Original research papers describing new approaches to motion control, state estimation, and collaborative behaviors of autonomous marine vehicles as well as applications of advanced techniques to specific navigation problems, supported by experimental data, are encouraged. High-quality papers are welcome.

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Deadline for manuscript submissions

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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

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