Journal of
Marine Science and Engineering

an Open Access Journal by MDPI

IMPACT FACTOR 3.2

CITESCORE 5.6

Navigation and Localization for Autonomous Marine Vehicles

Guest Editor:

Prof. Dr. David Moreno-Salinas
Department of Computer Science and Automatic Control, National Distance Education University (UNED), 28040 Madrid, Spain

Deadline for manuscript submissions:
closed (10 July 2024)

Message from the Guest Editor

Dear Colleagues,

Marine robotics aims to design and develop systems, as well as to provide support to their operation, for scientific research and commercial applications. Recent advances in miniaturized sensors, energy-efficient actuators, and low-cost embedded computer systems are impacting the development of autonomous, remotely operated, and hybrid marine vehicles. Current technology is also enabling the operation of multiple marine vehicles working in cooperation by exploiting the availability of increasingly sophisticated technologies for underwater communication networks. At the core of this trend, navigation and localization of autonomous marine vehicles are key for the suitable and reliable development of missions at sea. Therefore, this Special Issue is focused on collecting the latest experiments, applications, advances, and challenges related to navigation and localization of autonomous, surface and underwater, marine vehicles.

Dr. David Moreno-Salinas
Guest Editor

Journal of
Marine Science and Engineering

an Open Access Journal by MDPI

IMPACT FACTOR 3.2

CITESCORE 5.6

Editor-in-Chief

Prof. Dr. João Miguel Dias
Physics Department, CESAM, University of Aveiro, Campus Universitário de Santiago, 3810-193 Aveiro, Portugal

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed with Scopus, SCIE (Web of Science), Ei Compendex, GeoRef, Inspec, AGRIS, and other databases.
Journal Rank: JCR - Q2 (Oceanography) / CiteScore - Q1 (Ocean Engineering)

Contact Us

Journal of Marine Science and Engineering Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jmse
jmse@mdpi.com
𝕏@JMSE_MDPI