



State of the Art in Marine Robotics

Guest Editor:

Dr. David Moreno-Salinas

Department of Computer Science
and Automatic Control,
Universidad Nacional de
Educación a Distancia (UNED),
28040 Madrid, Spain

Deadline for manuscript
submissions:

closed (15 January 2022)

Message from the Guest Editor

Marine robotics research aims to design, develop, and provide support to the operation of marine systems for scientific and academics research, as well as commercial applications. In this sense, marine robotics systems have emerged as standard tools to explore the ocean and to carry out many challenging tasks and missions. This Special Issue will provide a comprehensive overview of the state of the art of marine robotics. We invite research articles that will consolidate our understanding of this area. The Special Issue will publish full research papers and reviews about the latest experiments, applications, advances, and challenges in the field. Potential topics include, but are not limited to the following:

- Autonomous underwater and surface vehicles (AUVs, USVs), remotely operated vehicles (ROVs);
- Guidance, navigation, and path planning;
- Control, modeling, and simulation;
- Fault diagnosis and fault tolerance;
- Sensor networks, underwater sensing;
- SLAM, localization, and tracking;
- Cooperative surface and underwater vehicles;
- Machine learning methods for marine robotics;
- Communication systems;
- Applications, case studies, field trials, and experimental results.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
Oceans Graduate School and The
UWA Oceans Institute, The
University of Western Australia,
Perth, WA 6009, Australia

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.

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), GeoRef, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (*Civil and Structural 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