Special Issue

Augmented Reality and Virtual Reality in Marine Science

Message from the Guest Editors

The emerging technologies and the continuous improvement in the performances of smartphones and portable devices have allowed researchers to develop complex augmented reality and virtual reality applications able to offer different experiences in several ambits. In the marine fields, these applications and systems provide alternative and captivating solutions to several issues, such as sea protection, virtual diving, including the fruition of underwater cultural heritage and environmental monitoring. This Special Issue aims at collecting cutting-edge AR and VR research and solutions in the field of the marine science. Original research and reviews directly related to the exploitation of the AR and VR techniques in the marine science are encouraged to submit for publication.

Guest Editors

Dr. Davide Moroni

Institute of Information Science and Technologies, National Research Council of Italy, Signals and Images Laboratory, Via Moruzzi, 1, 56124 Pisa, Italy

Dr. Marco Reggiannini

Signals and Images Laboratory, Institute of Information Science and Technologies, National Research Council of Italy, Pisa, Italy

Marco Tampucci

Consiglio Nazionale delle Ricerch, Rome, Italy

Deadline for manuscript submissions

closed (31 March 2024)



Journal of Marine Science and Engineering

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/164951

Journal of Marine Science and Engineering Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 jmse@mdpi.com

mdpi.com/journal/

jmse





Journal of Marine Science and Engineering

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.0





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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

School of Engineering and The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

Author Benefits

High Visibility:

indexed with Scopus, SCIE (Web of Science), Ei Compendex, GeoRef, Inspec, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

