Special Issue

Remote Sensing Techniques in Marine Environment

Message from the Guest Editors

Remote sensing in marine and coastal environments has gained increasing popularity thanks to a variety of possible research fields and applications: the determination of water parameters, the mapping of shorelines, cliffs and seabed, and the study of marine phenomena impacts on natural and built environments. Several remote sensing techniques, such as photogrammetry, laser scanning, multibeam echosounders, Dopplers, and even satellite images, can be employed and integrated to effectively survey, detect, and measure marine and coastal features and their variations and evolution over time. The purpose of the present Special Issue is to collect and publish the most exciting research with respect to the above subjects, with particular attention paid to both the remote sensed data themselves, i.e., accuracy, resolution, availability, processing strategies, and techniques, and their use for marine/coastal science purposes.

Guest Editors

Dr. Ilaria Ferrando

Department of Civil, Chemical and Environmental Engineering, University of Genoa, Via Montallegro 1, 16145 Genoa, Italy

Dr. Andrea Lira Loarca

Department of Civil, Chemical and Environmental Engineering (DICCA), University of Genoa, Via Montallegro 1, 16145 Genoa, Italy

Deadline for manuscript submissions

closed (10 December 2023)



Journal of Marine Science and Engineering

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.0



mdpi.com/si/122090

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, 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).

