

Special Issue

Signals and Images in Sea Technologies

Message from the Guest Editors

This Special Issue includes papers that aim at combining technology and scientific research related to the sea with the typical standards of the Information and Communication Technologies (ICT) domain.

Generally, the sectors of ICT have been combined with the scientific and technological research activities on the sea for some time now, to the fields of:

- Sensors for environmental monitoring;
- Submarine robotics;
- Monitoring of sea geomorphology, maritime activities, and navigation using remote sensors mounted on satellites, coastal structures, flying platforms, and ships;
- Coastal oceanography, for the measurement of wave motion and coastal erosion and related sensors;
- Development of imaging techniques for underwater mapping, underwater archeology, submarine research, and structural monitoring and inspections;
- Development of mathematical, hydrofluid dynamic models for oceanography and related sensors;
- Physical oceanographic and submarine geophysics;
- Marine biology and aquaculture;
- Marine meteorology and study of the sea-atmosphere interface;
- Climate changes and related monitoring;
- Study of the anthropic impact on the marine environment.

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. Ovidio Salvetti

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

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

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About the Journal

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

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

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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).