

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

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Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).