

## Special Issue

# Progress in Sensor Technology for Ocean Sciences

### Message from the Guest Editor

The ocean is a challenging environment in which to explore. Pressure, currents, oxidation, bacterial deposits, required uncertainties, and various other factors contribute to making technological development and renewal difficult. Additionally, requirements in terms of ocean sampling and data quality are constantly increasing in order to improve the reliability of knowledge and ocean forecasting models. Against this backdrop of constraints, it is worth taking stock of developments in sensor technology for ocean sciences. "Sensor" is used here in the broadest sense, from the element in contact with the quantity intended to be measured to the entire instrument or system of instruments used to sample ocean basins. In the same way, progress can concern technological developments, as well as data metrology, i.e., data referencing or the estimation of measurement uncertainties. The field of publication themes opened up by this Issue of *JMSE* is therefore quite broad, and we look forward to your contributions. If the quality and quantity of the papers selected are sufficient, this collection will be published in book form.

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### Guest Editor

Dr. Marc Le Menn

Service Hydrographique et Océanographique de la Marine (Shom), CS 92803, 29228 Brest, CEDEX 2, France

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### Deadline for manuscript submissions

closed (30 August 2025)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
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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](mailto:jmse@mdpi.com)

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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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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

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### 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 - Q1 (Ocean Engineering)

#### 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).