

Special Issue

Development of Oceanographic Sensors

Message from the Guest Editor

Ocean sciences crucially depend on our ability to make observations of relevant parameters on spatial and temporal scales appropriate for the processes we seek to understand. As temporal and spatial scales of ocean processes vary from sub-mm sub-second to decadal and ocean wide, the range of requirements for suitable sensors and platforms is equally wide. While sensors for basic physical properties like temperature, conductivity and pressure have been established and continually developed for decades, more and more chemical, biological and biogeochemical parameters become accessible by new or improved ocean sensors. The special issue “Development of Oceanographic Sensors” of the Journal of Marine Science and Engineering seeks original contributions in the field of oceanographic sensors at various stages of the development (first demonstrations in the lab environment to fully qualifying demonstrations at sea). Articles on topics of interest to the sensors community, such as systematic uncertainty estimation of ocean sensors or calibration issues will be considered for publication.

Guest Editor

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Deadline for manuscript submissions

closed (10 January 2022)



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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

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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).