



Development of Oceanographic Sensors

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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.





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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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