

## Special Issue

# High-Resolution Modeling of Marine Currents

### Message from the Guest Editor

Ocean currents have an important influence on the transport of material and energy, inducing significant variability in climate, marine ecology and geology. To capture the past, present and future nature of ocean currents, ocean modelling is a crucial method. It has been under development for many years, achieving significant progress. Following the release of SWOT satellite products and the study of submesoscale aspects, higher-resolution simulation is the latest development requirement. This Special Issue will gather contributions on the high-resolution modelling of marine currents. Researchers are welcome to submit original contributions covering the problems associated with and reviews on the latest developments in the field of ocean modelling and associated air–sea observations.

### Guest Editor

Dr. Qiang Wang

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### Deadline for manuscript submissions

20 May 2026



## Journal of Marine Science and Engineering

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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.

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### Editor-in-Chief

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