

## Special Issue

# Transport of Material near the Ocean Surface

### Message from the Guest Editor

Transport at the sea surface results from complex interactions between atmospheric and oceanic processes. Accurate predictions of surface trajectories are notoriously difficult to make, due to the large number of degrees of freedom and a relative lack of observations. A better understanding of the physical processes involved across multiple temporal and spatial scales could lead to faster and safer search-and-rescue operations, and to designing more efficient strategies to mitigating threatening pollution events such as marine oil spills, harmful algal blooms, plastic and marine debris accumulation. This Special Issue aims at presenting recent advances in ocean surface transport research. We invite contributions to the field coming from numerical models, laboratory experiments, and field observations. We also welcome original papers with a focus on engineering, instrument development, or big data.

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### Guest Editor

Dr. Guillaume Novelli  
Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, FL, USA

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### Deadline for manuscript submissions

closed (5 February 2022)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
CiteScore 5.0



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Engineering*  
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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

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#### Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (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).