

## Special Issue

# Pollutants and Particle Dispersion in Marine Environments: From Observations to Modeling

### Message from the Guest Editor

The anthropogenic impacts on the marine environment have been growing constantly in the last century. This is clearly shown by the increase in dissolved (chemicals) and particulate (micro and macropalstics) pollutant content in marine waters, not only at coastal scales but also in the open ocean. The progressively expanding knowledge base on those issues needs to be aided with observations and tools aimed at studying and forecasting the dynamics of pollutant dispersion. The purpose of this Special Issue is to provide a cutting-edge view of current scientific research on the observation and tracking of pollutants in the marine environment. The collected articles will focus on the following:

- Direct observation of pollutants with automated in situ techniques and remote sensing (both satellite- and land-based);
- Tracking of pollutant dispersion in marine environments with the aid of direct observations (drifter, floats, and other Lagrangian instrumentation);
- Tracking of pollutants and particles with numerical modeling tools.

Review articles on observations and models will also be considered for this Special Issue.

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### Guest Editor

Dr. Francesco M. Falcieri

CNR-ISMAR (Consiglio Nazionale delle Ricerche – Istituto di Scienze Marine), Venice, Italy

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### Deadline for manuscript submissions

closed (31 December 2020)



## Journal of Marine Science and Engineering

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Impact Factor 2.7  
CiteScore 4.4



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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

Prof. Dr. Charitha Pattiaratchi

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### Author Benefits

#### High Visibility:

indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

#### Journal Rank:

JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (Civil and Structural Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2024).