

Special Issue

Marine Microplastics Pollution

Message from the Guest Editor

Plastic debris and microplastics are an urgent problem in environmental pollution. Many sources have been identified (tyres, cosmetic products, city dust, marine coatings, etc.), but, in particular, microplastics with fiber shape (MFs) shedding from synthetic fabrics during washing represents a substantial percentage of microplastics in rivers and in oceans. This Special Issue invites original scientific contributions on topics including, without being limited to, the following:

- Textile microfilaments or microfibre with fiber shape (MFs)—a predominant source of microplastic pollution identified in water, the atmosphere, and soil environment.
- Accumulation of MFs in marine ecosystem: different types and the study of their degradation in natural environments or by simulation lab tests in the long run.
- Sampling, characterization, pre-treatment, recovery, and counting of microplastics coming from textile waste water in relation to different synthetic fibers
- Evaluation of MFs in the marine environment: model for estimation
- Microplastic release from textiles: comparison of analytical methodologies of identification and quantification

Guest Editor

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Deadline for manuscript submissions

closed (10 August 2021)



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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.

Editor-in-Chief

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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).