

## Special Issue

# Marine Microplastics and Their Ecological Toxicity

### Message from the Guest Editor

The constantly growing plastic production and disposal are gradually changing our Blue Planet into a Plastic one. The Plastisphere, a new and expanding ecological niche, is already claimed to be the eighth continent. All these phenomena are not inert for biota. Within this Special Issue, all interdisciplinary papers addressing these problems are welcomed, including by not limited to:

- The analysis of microplastics' surfaces;
- The physical and chemical characterization of microplastics;
- Emerging nanoplastics;
- The polymer-biota interactions;
- Ecotoxicity of micro- and nanoplastics;
- Theoretical modelling of plastics' behavior at sea;
- Green polymers characterization and deep studies of their biological interactions.

Please do not hesitate to write a short abstract or an individual proposal on the topic of your interest. Yours sincerely,

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### Guest Editor

Dr. Agnieszka Dąbrowska

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### Deadline for manuscript submissions

closed (5 February 2022)



## Journal of Marine Science and Engineering

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an Open Access Journal  
by MDPI

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Impact Factor 2.8  
CiteScore 5.0



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*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

Prof. Dr. Charitha Pattiaratchi  
School of Engineering, The UWA Oceans Institute, The University of  
Western Australia, Perth, WA 6009, Australia

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JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean  
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manuscripts are peer-reviewed and a first decision is  
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