

## Special Issue

# The Impact of Plastic Pollution on Marine Ecosystems

### Message from the Guest Editor

This Special Issue aims to explore the diverse and complex consequences of plastic pollution on marine life and ecosystems and to promote research and understanding in this critical area of environmental science. Topics of interest include but are not limited to:

**Ecological impacts:** Explore the effects of plastic pollution on biodiversity, species composition, and ecosystem functioning. Investigate the disruption of food webs, habitat degradation, and changes in community dynamics caused by plastic debris.

**Toxicological effects:** Examine the toxicity of plastic pollutants on marine organisms, including physiological, biochemical, and behavioral responses. Investigate the accumulation and transfer of plastic-associated chemicals through the food chain.

**Ecosystem services:** Assess the impact of plastic pollution on the provision of ecosystem services such as carbon sequestration, nutrient cycling, and coastal protection.

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### Guest Editor

Dr. Alexandra Ershova

Laboratory for Plastic Pollution Research (PlasticLab), Russian State Hydrometeorological University, Saint Petersburg, Russia

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### Deadline for manuscript submissions

closed (20 December 2023)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
CiteScore 5.0

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*Journal of Marine Science and  
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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  
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