

## Special Issue

# Microplastics in Aquaculture and Fisheries Systems

### Message from the Guest Editor

Microplastics, plastic fragments and particles with a diameter of less than 5 mm, have become ubiquitous contaminants within global aquaculture and wild fisheries systems. As a typical emerging pollutant, its potential health hazards have been widely concerning. These particles originate from internal sources, notably the breakdown of fishing gear, nets, traps, ropes, lines, and buoys, plastic packaging, and improper disposal of plastic waste; coatings and paints applied to vessels and other marine equipment also contribute to introducing these plastic fragments into the ecosystems. Thus, the ongoing contamination by Microplastics needs urgent mitigation strategies, including improved waste management, development of biodegradable equipment alternatives, and stricter regulations to protect both ecosystem health and food safety.

This Special Issue invites the submission of original research or review papers that highlight core issues surrounding microplastics in aquaculture and fisheries systems, encompassing their sources, ecological impacts on aquatic life, potential risks to human health, and necessary mitigation strategies.

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### Guest Editor

Prof. Dr. Ana Marta Gonçalves

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### Deadline for manuscript submissions

20 October 2026



## Journal of Marine Science and 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. João Miguel Dias

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