

## Special Issue

# Environmental Assessment Using the Marine Meiofauna: Current Knowledge, Open Questions and Future Directions

### Message from the Guest Editors

The term 'Meiofauna' evokes a hidden world of little critters with a huge biodiversity and wide variety of ecological strategies. In the marine realm, meiofaunal organisms are ubiquitous, inhabiting practically all water–sediment interfaces. This SI aims to address these knowledge gaps through a collection of recent findings regarding the response of the meiofauna to anthropogenic impacts and other stressors through various multidisciplinary approaches (e.g., traditional methods, molecular and –omics technologies) and by considering new perspectives (e.g., meiofauna–microbiome interactions). Experimental studies are welcome, especially those focused on the meiofaunal response to emerging pollutants (e.g., pharmaceuticals and plastics). This collection will reinforce the practical utility of meiofauna as bioindicators. It will also help to establish a standardized approach to meiofaunal environmental quality assessments through the identification of knowledge gaps and the strengths and weaknesses of different methodological approaches.

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### Guest Editors

Dr. Elisa Baldrighi

Institute for Biological Resources and Marine Biotechnologies (IRBIM),  
National Research Council (CNR), Largo Fiera della Pesca, 2, 60125  
Ancona, Italy

Bryan J. O'Malley

1. Eckerd College, St. Petersburg, FL, USA  
2. Ecofera LLC, St. Petersburg, FL, USA

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### Deadline for manuscript submissions

closed (31 December 2023)



## Journal of Marine Science and Engineering

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jmse@mdpi.com](mailto:jmse@mdpi.com)

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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. Charitha Pattiaratchi

School of Engineering, The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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