

## Special Issue

# The Impact of Environmental Risks on Marine Ecology

### Message from the Guest Editors

The marine environment covers 71% of the Earth's surface and is an essential life-supporting component. It is characterised by increased diversity and plasticity and offers a range of essential goods and services to human populations. Unfortunately, the intensified anthropogenic pressures may pose significant risks to marine habitats and organisms and threaten their equilibrium, mainly in highly urbanized estuaries and coastal areas. Existing European Union policies aim to support sustainable marine spatial planning processes and enhance relevant environmental assessments focusing on the ecology of marine organisms. The research topics that this Special Issue will cover include marine environmental risks such as:

- climate change and ocean acidification;
- establishment of invasive non-indigenous species;
- pollution;
- habitat fragmentation and biodiversity loss; and
- overfishing and overexploitation.

Risk impacts and their relevant scales will be investigated, and management strategies and nature-based solutions (NBSs) will be proposed and evaluated.

### Guest Editors

Dr. Eva Chatzinikolaou

Institute of Marine Biology, Biotechnology and Aquaculture—Hellenic Centre for Marine Research, Heraklion, Crete, Greece

Dr. Katerina Vasileiadou

Institute of Marine Biology, Biotechnology and Aquaculture—Hellenic Centre for Marine Research, Heraklion, Crete, Greece

### Deadline for manuscript submissions

closed (10 August 2021)



## Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/si/59934](https://mdpi.com/si/59934)

*Journal of Marine Science and  
Engineering*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jmse@mdpi.com](mailto:jmse@mdpi.com)

[mdpi.com/journal/  
jmse](https://mdpi.com/journal/jmse)





# Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/journal/  
jmse](https://mdpi.com/journal/jmse)



## 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.

---

### Editor-in-Chief

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

---

### Author Benefits

#### High Visibility:

indexed with Scopus, SCIE (Web of Science), Ei  
Compendex, GeoRef, Inspec, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean  
Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 15.6 days after  
submission; acceptance to publication is undertaken in 1.9  
days (median values for papers published in this journal in  
the first half of 2025).