

# Special Issue

## Oceans in a Changing Climate

### Message from the Guest Editors

This Special Issue focuses on the critical and evolving role of the ocean in regulating Earth's climate. As climate change accelerates, the ocean is experiencing major physical and chemical shifts, such as warming, acidification, sea-level rise, and altered wave and energy patterns. These transformations intensify ocean-atmosphere interactions, influencing global weather systems and contributing to extreme events. We welcome original research and reviews on topics including wave dynamics, ocean energy fluxes, and their impact on climate modeling and forecasting. Studies exploring the socioeconomic consequences of ocean changes—especially for coastal communities and marine-based economies—are encouraged, with attention to renewable energy, policy development, and resilience strategies. Key areas of interest include, but are not limited to, the following:

- Ocean changes: warming, acidification, sea-level rise, wave climate variability, and ocean energy processes.

[...]

For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/oceans/special\\_issues/4HHH65TX89](https://www.mdpi.com/journal/oceans/special_issues/4HHH65TX89)

---

### Guest Editors

Dr. Mariana Bernardino

Centre for Marine Technology and Ocean Engineering (CENTEC),  
Instituto Superior Técnico (IST), Lisbon, Portugal

Dr. Diogo Mendes

CERIS—Civil Engineering Research and Innovation for Sustainable  
Development, Instituto Superior Técnico, University of Lisbon, Av.  
Rovisco Pais 1, 1049-001 Lisboa, Portugal

---

### Deadline for manuscript submissions

31 December 2025



## Oceans

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.6  
CiteScore 3.5



[mdpi.com/si/241056](https://www.mdpi.com/si/241056)

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

[mdpi.com/journal/  
oceans](https://www.mdpi.com/journal/oceans)





# Oceans

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.6  
CiteScore 3.5



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



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Prof. Dr. Beatriz Morales-Nin  
Mediterranean Institute of Advanced Studies CSIC-UIB, E-07122 Palma  
de Mallorca, Spain

---

#### Author Benefits

##### High Visibility:

indexed within Scopus, ESCI (Web of Science), AGRIS, and other databases.

##### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 38.6 days after submission; acceptance to publication is undertaken in 5.5 days (median values for papers published in this journal in the first half of 2025).

##### Journal Rank:

CiteScore - Q2 (Oceanography)