

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

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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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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 35 days after submission; acceptance to publication is undertaken in 8.6 days (median values for papers published in this journal in the second half of 2025).

Journal Rank:

CiteScore - Q2 (Oceanography)

