

Special Issue

Coastal Hazards under Climate Change

Message from the Guest Editors

The special issue seeks to address the multifaceted challenges associated with coastal hazards in the context of a changing climate. It aims to provide a platform for cutting-edge research that advances our understanding of coastal processes, risk assessment, and adaptation strategies. By gathering insights from experts in diverse fields, this special issue strives to offer a comprehensive view of the complex interactions between climate change and coastal hazards. Specific topics of interest include but are not limited to the following:

- Coastal Storm Analysis;
- Coastal Hazards Drivers (Storm Surges, Sea Level Rise & Extreme Waves);
- Compound Flooding Events (coastal, river and rainfall flooding);
- Coastal Erosion;
- Coastal Flooding & Inundation;
- Coastal Hazard Forecasting & Early-Warning Systems Coastal Hazard Monitoring;
- Coastal Vulnerability Assessment & Mapping;
- Effect of Climate Changes on Coastal Hazards;
- Adaptation and Mitigation Strategies for Managing Coastal Hazards;
- Application of Artificial Intelligence and Machine Learning in Coastal Hazards Analysis, Monitoring & Forecasting.

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About the Journal

Message from the Editor-in-Chief

Climate (ISSN 2225-1154) was established in 2013 to provide an open-access outlet for innovative research, review articles, new direction papers, and short communications relevant to all disciplines related to climate at all scales. The journal encourages papers ranging from climate change detection and attribution and Earth system modeling to ecosystem, hydrologic, and socioeconomic impacts and climate mitigation and adaptation measures. The influence of *Climate* is strong and growing (IF 3.2 in 2024, CiteScore 5.7 in 2024).

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.8 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the second half of 2025).