



Coastal Wave Prediction and Analysis Using Machine Learning

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Deadline for manuscript
submissions:

closed (30 May 2024)

Message from the Guest Editors

(1) Introduction: With the increasing significance of accurate wave forecasts for maritime operations, coastal management, and environmental monitoring, this collection aims to showcase innovative research in machine learning applications within the context of coastal wave dynamics.

(2) Aim of the Special Issue: This Special Issue aims to bring together cutting-edge research at the intersection of coastal dynamics and machine learning, collating at least 10 high-quality articles that delve into advancements in predictive models, data-driven approaches, and interdisciplinary collaborations within the realm of coastal wave prediction and analysis. The Special Issue may be compiled into book form if the submission target is met.

(3) Suggested Themes and Article Types for Submissions: Original research articles and reviews are welcome in areas such as coastal wave prediction, interpretable machine learning, surrogate modeling of fluid dynamics, oceanographic data analysis, remote sensing, wave energy forecasting, data-driven coastal management, interdisciplinary approaches, maritime operations, and environmental monitoring.





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Message from the Editor-in-Chief

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