



## Critical Issues in Ocean and Coastal Engineering

Guest Editors:

**Prof. Dr. Ching-Piao Tsai**

Department of Civil Engineering,  
National Chung Hsing University,  
Taichung City 402, Taiwan

**Dr. Pohung Yeh**

Department of Marine  
Environment and Engineering,  
National Sun Yat-sen University,  
Kaohsiung 80424, Taiwan

**Prof. Dr. Wei Po Huang**

Department of Harbor & River  
Engineering, National Taiwan  
Ocean University, Keelung 20224,  
Taiwan

Deadline for manuscript  
submissions:

**11 August 2024**

### Message from the Guest Editors

We are delighted to invite contributions to a Special Issue on "Critical Issues in Ocean and Coastal Engineering". Ocean and coastal environments play a pivotal role in shaping our planet and are of paramount importance for both natural ecosystems and human societies. In recent years, the challenges faced in these areas have become increasingly complex and pressing due to factors such as climate change, rising sea levels, extreme weather events, and growing coastal populations.

Topics of interest for this Special Issue include but are not limited to:

- Coastal erosion and shoreline management;
- Sea-level rise adaptation and resilience;
- Coastal infrastructure and maintenance;
- Sustainable coastal development;
- Marine renewable energy systems;
- Coastal and ocean modelling;
- Innovative coastal and ocean engineering;
- Disaster risk reduction in coastal regions;
- Eco-engineering in coastal zones;
- Social and economic impacts of coastal engineering projects.

We eagerly anticipate your valuable contributions to this Special Issue.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Marc A. Rosen**

Faculty of Engineering and  
Applied Science, University of  
Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](#)