

## Special Issue

# The Integrated Rivers and Estuaries Interactions and Hydrodynamics

### Message from the Guest Editor

The mixing of river freshwater with highly salty seawater in estuaries along with river sediment transport toward the sea and tidal landward sediment transport make estuaries one of the most complex hydrodynamic environments. Adding the influences of human activities, like dike constructions, dredging, ship navigation pollution-end erosion, and finally, sea-level rising that leads to coastal urban flooding, all are approving the necessity of a series of studies on "The Integrated Rivers and Estuaries Interactions and Hydrodynamics". This Special Issue will publish the latest contributions in this field as research articles.

Researchers from both academia and industry are welcome to submit original articles that advance state-of-the-art research in estuary hydrodynamics. Topics include but are not limited to the following:

- Estuary salt intrusion hydrodynamics
- Coastal urban flooding, sea-level rise and estuary morphology
- Estuary and riverbank protection from ship-induced waves
- Navigation and river-estuary pollution
- River-estuary sedimentation and dredging

---

### Guest Editor

Dr. Sahameddin Mahmoudi Kurdistani

Researcher at OPA - Ocean Predictions and Applications Division,  
CMCC Foundation - Euro-Mediterranean Center on Climate Change,  
Via Augusto Imperatore, 16, 73100 Lecce, Italy

---

### Deadline for manuscript submissions

closed (31 January 2021)



## Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0

---



[mdpi.com/si/41058](https://mdpi.com/si/41058)

*Journal of Marine Science and  
Engineering*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jmse@mdpi.com](mailto:jmse@mdpi.com)

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

[jmse](https://jmse)





# Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



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



## About the Journal

### Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

---

### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi  
School of Engineering, The UWA Oceans Institute, The University of  
Western Australia, Perth, WA 6009, Australia

---

### Author Benefits

#### High Visibility:

indexed with Scopus, SCIE (Web of Science), Ei  
Compendex, GeoRef, Inspec, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean  
Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 15.6 days after  
submission; acceptance to publication is undertaken in 1.9  
days (median values for papers published in this journal in  
the first half of 2025).