

# Special Issue

## Resilient Flood Defences

### Message from the Guest Editors

Worldwide, hard structures are used as flood protection measures. These structures are static and do not respond to changing boundary conditions, such as sea level rise and increasing storminess. Moreover, the energy released during extreme events is hardly dissipated, resulting in enormous losses and damage. Therefore, innovative and sustainable solutions for flood defense stability, both technical and societal, are called upon. These measures allow for economic growth in coastal and deltaic regions, which are the world's most valuable areas. In this Special Issue "Resilient Flood Defenses" we invite authors to submit papers that focus on process-based understanding of flood defense systems, as well as the effectiveness of solutions for flood risk reduction. Especially, topics related to nature-based solutions, climate change effects, and related management solutions are encouraged.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2020)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
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## 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.

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### Editor-in-Chief

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#### 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).