

# 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

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*Journal of Marine Science and Engineering (JMSE*, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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