

## Special Issue

# Selected Papers from the 15th Estuarine and Coastal Modeling Conference

### Message from the Guest Editor

The 15th Estuarine and Coastal Modeling Conference provides a venue for commercial, academic, and government scientists and engineers from around the world to present and discuss the latest results and techniques in applied estuarine and coastal modeling. Prospective authors are invited to submit papers on a wide range of topic areas, including:

- Pollutant Transport and Water Quality Prediction
- Coastal Response to Climate Change
- Modeling Techniques and Sensitivity Studies
- Model Assessment
- Modeling Specific Estuarine and Coastal Systems
- Visualization and Analysis
- Wave and Sediment Transport Modeling
- Modeling of Chemicals and Floatables
- Oil Spill Transport and Fate Modeling
- Inverse Methods
- Circulation Modeling
- Facility Siting and CSO Studies
- Data Assimilation
- Nowcast/Forecast Modeling Systems
- Modeling Systems with Strong Buoyancy Forcing
- Modeling of Coupled Systems
- Risk Analysis (Nuclear Reactors, Flood Forecasting)

This Special Issue presents a selection of papers from the conference; the papers give insight into current research and commercial developments while highlighting some of the areas where further research is required.

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### Guest Editor

Dr. Richard Signell

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### Deadline for manuscript submissions

closed (14 December 2018)



## Journal of Marine Science and Engineering

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an Open Access Journal  
by MDPI

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Impact Factor 2.8  
CiteScore 5.0



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Engineering*  
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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

Prof. Dr. Charitha Pattiaratchi  
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#### Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean  
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#### Rapid Publication:

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