

Special Issue

Selected Papers from the 16th Estuarine and Coastal Modeling Conference

Message from the Guest Editors

The 16th 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:

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

Guest Editors

Dr. Kendra Dresback

Dr. Pengfei Xue

Dr. Richard Signell

Deadline for manuscript submissions

closed (30 May 2022)



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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.

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

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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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the first half of 2025).