



Selected Papers from the 16th Estuarine and Coastal Modeling Conference

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Deadline for manuscript
submissions:

closed (30 May 2022)

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*





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Message from the Editor-in-Chief

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.

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