



## Dynamics of Micro-Tidal Bays and Estuaries

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submissions:  
**closed (28 February 2020)**

### Message from the Guest Editors

Estuaries and coastal bays control the exchanges between riverine and oceanic systems. The study of these systems usually requires multidisciplinary approaches. Estuaries are subject to intense mixing dynamics that control their ecological and sediment characteristics. This Special Issue will provide a collection of original research articles on recent advances in observations, modeling, and analyses in micro-tidal coastal bays and estuarine systems.

Topic areas include:

- Observations in estuaries and bays
- Numerical modelling of estuarine dynamics and ecosystems
- Circulation in shallow environments
- Coastal bays and estuarine circulation
- Wave, tidal and storm forcing of semi-enclosed environments
- Mixing in estuaries
- Inlet hydrodynamics and morphodynamics
- Estuarine response to climate change
- Water quality and light conditions
- Residence, flushing and other hydrodynamic time parameters
- Dynamics around estuarine turbidity maxima
- Sedimentary processes and morphodynamics in estuaries and bays





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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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