



Recent Advances in Coastal Storm Forecasting and Geologic Response

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Message from the Guest Editors

Dear Colleagues,

Coastal regions of the world are inhabited by an estimated 40% of the global population. Intensification of weather events, changes in wave climates, and eustatic sea level rise associated with global climate change are resulting in populations, and the infrastructure that supports them, becoming increasingly vulnerable to storm-driven damage, erosion, and flooding. This Special Issue is intended to assemble recent significant scientific advances in the understanding of coastal morphologic response to, and recovery from, storms, as well as the forecasting of storm impacts, especially as they pertain to management, planning and decision-making. We encourage contributions that address topics of natural or human-influenced storm response and recovery along coasts of a wide range of geomorphic character including barrier islands, sandy beaches/shoreface, dunes, marsh, and mangrove coasts. Contributions can be based on field observations (including advancements in remote-sensing techniques), modeling, laboratory experiments, or a combination of methodologies.

Dr. Cheryl Hapke
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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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