Special Issue

Evaluation of Boulder Deposits Linked to Late Neogene Hurricane Events

Message from the Guest Editors

The study of hurricane deposits in the aftermath of landfall (Ball et al. on Florida's Hurricane Donna in 1960) has been innovative in approach. Subsequent development of the mathematics behind megaclast hydrodynamics provides insight on the strength of pre-historic storms. Boulder deposits with or without organics (i.e., large coral heads) from the last few million years are newly open to quantification. Tidal forces, prevailing currents, and tsunamis must be taken into account, but regional geography aids in their potential elimination as contributing factors. The Holocene, Pleistocene, and Pliocene Warm Period are of particular interest. Storm deposits from these intervals provide a forecast for the near future under conditions of accelerated global warming at a rate previously unmatched. Contributions on coastal boulder deposits are solicited, but also on outwash deposits due to excessive rainfall. Survey papers on risk zones for hurricane landfall as well as literature reviews on the extent of published material from the Late Neogene are welcome.

Guest Editors

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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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