Special Issue

Late Quaternary Sea Level Changes: Causes, Patterns and Impacts

Message from the Guest Editor

The Late Quaternary (125,000 yrs. BP to present) is characterised by rapid changes in eustatic sea level superimposed onto isostatic and tectonic processes to produce complex relative sea level changes at a local level. The impact these relative sea level changes have had on the development of coastal systems, geomorphology, regional tectonics, ecosystems, climates and society is complex. Papers which describe local and regional patterns of relative sea level change and set these within the context of broader issues are encouraged. For example, local/regional data could be used to consider:

- Sources of meltwater during the last deglacial cycle;
- Patterns of relative sea level change at a regional level and implications in terms of tectonics and isostatic adjustment;
- The impact of relative sea level changes on coastal evolution;
- The impact of relative sea level changes on regional climate/ecological systems;
- The impact of relative sea level changes on human evolution and society;
- Recent (last 200 years) sea level changes and their implication for society.

Guest Editor

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Deadline for manuscript submissions

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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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