



Late Quaternary Sea Level Changes: Causes, Patterns and Impacts

Guest Editor:

Prof. Dr. Callum R. Firth

Faculty of Social and Applied
Science, Canterbury Christ
Church University, Canterbury
CT1 1QU, UK

Deadline for manuscript
submissions:

closed (31 March 2023)

Message from the Guest Editor

Dear Colleagues,

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.



mdpi.com/si/135116

Prof. Dr. Callum R. Firth

Guest Editor

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
Oceans Graduate School and The
UWA Oceans Institute, The
University of Western Australia,
Perth, WA 6009, Australia

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (*Civil and Structural Engineering*)

Contact Us

*Journal of Marine Science and
Engineering* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jmse
jmse@mdpi.com
X@JMSE_MDPI