

Special Issue

Learning from Geomorphological Adaptation of Coasts at Different Time Scales

Message from the Guest Editors

It is with great pleasure that I announce the publication of a Special Issue showing how coastal systems react and adapt at different temporal scales and to different stressors. Natural systems respond and adapt to changing environmental conditions or other disturbances through time. A major constraint in understanding coastal adaptation at long-term temporal scales lies in the elevated degree of complexity of the responses, a consequence of their non-linearity and the many feedbacks that exist among the different components of a coastal system. The stratigraphic record may significantly contribute to understanding the response of natural systems at longer time scales. However, the testimony left by the continuum of change in the coast may be partially incomplete or may not capture all possible response pathways. As coastal resilience is inextricably linked to these adaptation strategies, taking place over the full spectrum of coastal change, it is extremely relevant to explore and compile examples assessing the different scales of change, in order to identify not only possible tipping points but also the consequences of crossing such boundaries.

Guest Editors

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Deadline for manuscript submissions

closed (1 January 2024)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/74249

*Journal of Marine Science and
Engineering*
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About the Journal

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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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