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Learning from Geomorphological Adaptation of Coasts at Different Time Scales

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Deadline for manuscript submissions:
closed (1 January 2024)

Message from the Guest Editors

Dear Colleagues,

It is with great pleasure that I announce the publication of a Special Issue show 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.

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Message from the Editor-in-Chief

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