



Relationships between Climate Change and the Morphological Stability of Coastal Areas

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Message from the Guest Editor

Climate change represents a serious threat for coastal areas because it is not only responsible for sea-level rise, but also for the increase in frequency and intensity of extreme weather events and for modifications in coastal hydrodynamics. These occurrences have direct effects on the coasts, including reshaping of their morphology, changes in sediment dynamics, land loss, and general soil degradation, thus increasing the vulnerability of coastal regions already dramatically altered by anthropogenic stressors.

This Special Issue welcomes original contributions focusing on coastal geomorphological modifications induced by climate change, resulting from investigations carried out at different spatial scales and related to long- and short-term dynamics. They should provide the tools necessary to develop actions to reduce future risk from coastal hazards and to increase coastal resilience.





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