



Coastal Landslides and Hazard Assessment

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Message from the Guest Editor

Coastal communities are increasingly facing challenges from rising sea levels, increased rates of erosion and the impacts of warming seas on wildlife and habitats that support livelihoods. Coastal landslide activity is likely to increase under future climate change with projected increases in storminess, precipitation, erosion and wave activity putting additional pressure on infrastructure and communities located within the coastal zone. To develop resilience to this changing environment, ‘wholescape process understanding’ assesses and quantifies the interaction of natural processes that drive coastal change. These include hydrogeological, geological, geotechnical, ecological, coastal and marine processes, as well as human interactions and behaviour, all over different spatial and temporal scales.

This Special Issue focusses on advances in wholescape process understanding, monitoring and characterising coastal landslide processes, nature-based solutions aimed at mitigating coastal degradation and novel approaches for hazard assessment at the coast.





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Message from the Editor-in-Chief

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