



# Coastal Erosion: Causes, Consequences, and Mitigation Strategies

**Sean Conel\***

*Environment Institute, University of Adelaide, Adelaide, Australia*

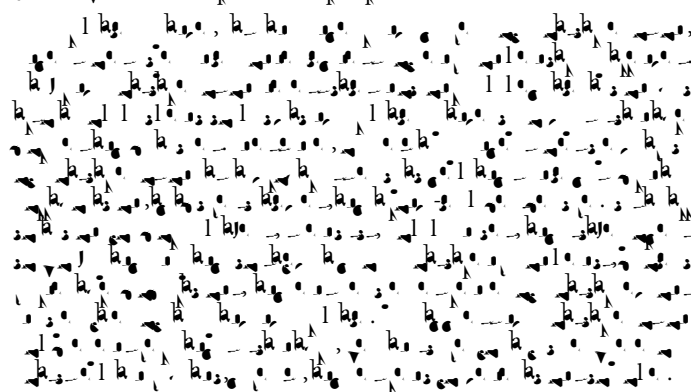
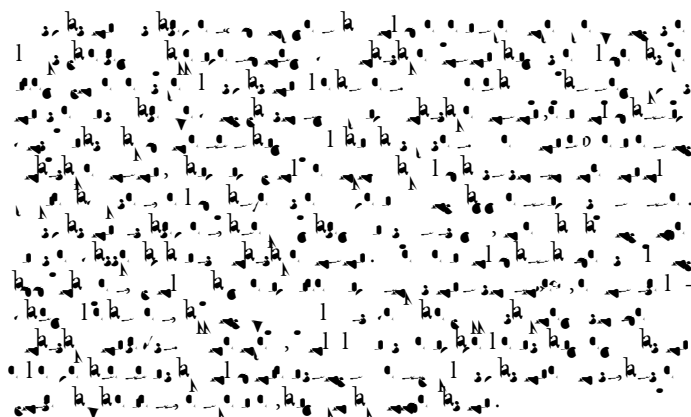
## Abstract

Coastal erosion is a complex and multifaceted environmental issue that threatens the stability and resilience of coastal landscapes and communities worldwide. This research article provides a comprehensive analysis of the causes, consequences, and mitigation strategies for coastal erosion, with a focus on the impact of climate change. The article discusses the role of natural processes, human activities, and climate change in driving coastal erosion, and explores various mitigation strategies, including coastal defense structures, beach nourishment, and managed realignment. The article concludes by highlighting the need for integrated coastal management and the importance of ongoing research and monitoring to address the challenges of coastal erosion in the future.

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