

Climate Change Adaptation in Coastal Cities

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Abstract. Coastal cities are at the forefront of climate change impacts, facing rising sea levels and increased storm intensity. This article explores adaptation strategies employed by coastal urban centers worldwide. By evaluating infrastructure resilience, policy frameworks, and community engagement, we identify successful adaptation practices. The study emphasizes the need for proactive measures and collaborative efforts to enhance the resilience of coastal cities against climate change threats, ensuring sustainable urban futures.

Keywords: Climate Change, Coastal Cities, Adaptation Strategies, Resilience, Sustainable Development

Introduction

Coastal cities are increasingly vulnerable to the impacts of climate change, including rising sea levels and more frequent and intense storms. This study investigates adaptation strategies that coastal urban areas have implemented to mitigate these challenges. We examine infrastructure resilience, policy development, and community engagement as key components of successful adaptation efforts. By analyzing case studies from various regions, the research highlights effective practices and the importance of collaborative approaches in building resilient coastal cities. The findings provide valuable insights for urban planners and policymakers aiming to enhance climate resilience in coastal areas.

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References

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