

The Economics of Climate Change Mitigation Strategies

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Abstract. This article analyzes various economic strategies for mitigating climate change, focusing on their effectiveness and feasibility. It evaluates carbon pricing, renewable energy investments, and technological innovations as key components of climate change mitigation. The research assesses the economic impacts of these strategies and their potential to achieve global emission reduction targets. By examining case studies and modeling scenarios, the study provides insights into the economic benefits and challenges associated with different mitigation approaches, offering guidance for policymakers and industry leaders in crafting effective climate policies.

Keywords: climate change, mitigation strategies, carbon pricing, renewable energy, economic impacts

Introduction

Addressing climate change is one of the most pressing challenges of our time, requiring comprehensive economic strategies to mitigate its impacts. This article explores the economics of climate change mitigation, focusing on key strategies such as carbon pricing, renewable energy investments, and technological innovations. By assessing the effectiveness and feasibility of these approaches, the study aims to provide a detailed understanding of their economic implications. Through case studies and scenario modeling, we evaluate the potential of these strategies to achieve global emission reduction targets. Our research offers valuable insights for policymakers and industry leaders seeking to implement effective and sustainable climate policies. The findings underscore the importance of strategic investments and international cooperation in combating climate change.

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