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Assessing the Economic Benefits of Climate Change Mitigation and Adoption Strategies for Aquatic Ecosystem

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→ Abstract

One of the biggest concerns of the twenty-first century is climate change, which puts the nation's economic growth as well as the environment, public health, and food security at considerable risk. In addition to cross-border effects and contagion concerns,



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geographies. Other anthropogenic influences, which can have far more immediate and significant effects, must be taken into consideration when assessing the effects of climate change. Climate change is one of the factors that can influence the climate. These include phenomena like changes in the World's circle, mountain-building, mainland float, variations in solar radiation, and shifts in the concentrations of greenhouse gases. Because of their vast mass, some components of the environment framework, such the oceans and ice covers, react to climate changes slowly. As a result, it may take centuries or more for the climate system to react completely to novel outside influences. Numerous research made





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assumptions regarding adaptability, biophysical processes, and changes in baseline socioeconomic conditions. Nearly every study we looked at predicted that negative effects would worsen after the global mean temperature rose by about 3 to 4°C. Influences and worldwide mean temperatures somewhere in the range of 0°C and 3°C are not consistently correlated, according to the studies. It is evident that minor degrees of temperature change will have negative effects on coastal resources.

Keywords: Climate change, Anthropogenic pressures, Adaptation

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