

Economic Implications of Climate Change on Agricultural Productivity

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Abstract. This study investigates the economic implications of climate change on agricultural productivity. We analyze various climate models and their predictions on crop yields, assessing the potential economic impact on global food security. The paper discusses adaptive strategies that can mitigate negative effects and enhance resilience in the agricultural sector. Our findings underscore the urgent need for coordinated global efforts to address climate-related challenges.

Keywords: Climate Change, Agricultural Productivity, Economic Impact, Food Security, Adaptive Strategies

Introduction

Climate change poses a significant threat to agricultural productivity, with far-reaching economic implications. This article examines the impact of changing climate patterns on crop yields and the subsequent effects on global food security. By analyzing various climate models, we assess the potential economic consequences and explore adaptive strategies to mitigate negative impacts. The paper highlights the importance of enhancing resilience in the agricultural sector through innovation and policy interventions. Our findings point to the urgent need for coordinated global efforts to tackle climate-related challenges and ensure sustainable agricultural practices.

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References

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