

## Climate Change and its Impact on Agriculture

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Climate change is one of the biggest threats to global food security, with agriculture being both a contributor and victim of its effects. Rising temperatures, erratic rainfall, and extreme weather events disrupt crop yields, threatening livelihoods and economies.

Farmers worldwide are adopting climate-resilient practices such as drought-resistant crops, efficient irrigation systems, and agroforestry.

The use of digital tools to monitor weather patterns and issue early warnings has also proven beneficial. Governments are investing in research to develop climate-smart solutions and policies to mitigate risks.

Education and collaboration are critical to tackling this challenge. By

uniting scientists, policymakers, and farmers, we can build a resilient agricultural system that adapts to the changing climate while reducing its environmental impact.