

# A Study on impact of Climate Change on Farmer with Special Reference in Tirunelveli District

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**Abstract:** *Climate change has been recognized the foremost environmental problem of the twenty-first century and has become a subject of considerable debate. It is predicted to lead to adverse, irreversible impacts oil earth and the ecosystem as a whole. The continuous emissiom of green house gases is responsible for the increase in earth's temperature, which results in melting of glaciers, increased precipitation, more and more extreme weather events and shifting seasons. The accelerated pace of climate change, combined with increasing global population and income growth, threatens food security everywhere, since climate is the primary determinant of agricultural productivity higher temperature reduces the yield of desirable crops while increasing the pest and weed proliferation..*

**Keywords:** Carbon dioxide, greenhouse gas, emissions

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