

CLIMATE CHANGE: THE ECONOMIC IMPLICATIONS ON DEVELOPING COUNTRIES OF AFRICA

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Abstract

Over the years, there have been increased variations in the Earth (Atmospheric) environment known as climate change. This variation can be ascribed to direct or indirect human activities that alter the atmospheric composition. This study examined the implications of climate change on economic growth in developing countries using some countries in Africa. The data were sourced from the Data bank of the World Bank and estimated using the Vector Auto Regression (VAR) model. Findings revealed that climate change has negative implications on economic growth of the developing countries with 1% GDP growth rate, increased inflation, poor health and mass migration with the consequence of land use crises and insecurity. It was recommended that developing countries should adopt renewable source of energy, the usage of electric vehicle for transport system, cut or prune down the emissions of CO₂ as agreed in Paris 2015.

Keywords: *Africa, Climate change, Carbon dioxide, Economic growth, Environment, Vector Auto Regression*