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Climate Resilient Agriculture in Odisha

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Abstract:
In many developing countries, including India, climate change and climate-induced disasters pose an important challenge to agriculture, poverty, health and development. The geographical location of Odisha on India's east coast and its climatic condition have meant that the state has historically been extremely susceptible to climate change and multiple hazards, mostly cyclones, droughts and floods. The weather conditions that fluctuate suggest that Odisha is stumbling under climate chaos. For 95 years out of the last 105 years, the state has been declared disaster-affected: floods have occurred for 50 years, droughts for 32 years, and cyclones have struck the state for 11 years. This paper addresses the impact and strategies of Odisha farmers on climate change mitigation.

Keywords: Agriculture, Climate change, Cyclone, Disaster, Resilience.

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Introduction

Climate change is a change in the statistical distribution of weather patterns for an extended period of time when that change lasts. Changes in climate may refer to changes in average weather