

Farmers' Expectations, Effects, and Preferences of Adaptation Approaches Used in the Eastern Cape Province to Ease Climate Variability

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ABSTRACT Weather variation is the focal threat for developing farmers in Africa that weakens supportable improvement exertions towards attaining bearable growth objectives. This study is to investigate emerging growers' insights of weather variation and its hostile consequences', classify main adaptation approaches used by farmers and investigate the features that impact of selecting mitigation approach by emerging growers in the Eastern Cape Province. An overall of 100 crop growers were purposively designated. The paper made use of Likert scale and Multinomial logit regression. The results show that smallholder growers were conscious and perceived climate inconsistency and professed fluctuations in regular temperatures and precipitation. Farmers reveal that climate variability has adverse effects on their agricultural productivity. Farmers have employed a mitigation approach to deal with with climate inconsistency. Therefore, the study propose the necessity for superior security in agrarian training and policymakers must generate an empowering environment to support farmers' adaptation to climate variability.