

ABSTRACT

The study investigated the effect of climate change on food security, a study of Mwanga district. The research used a mixed Approach where both quantitative and qualitative approaches were used. The sample size was 50 respondents drawn from the population through Random and Non-random sampling, were research tools. Data collection was done by using questionnaires, discussion with key informants, observation and documentary review and secondary data concerning rainfall trend were obtained from Tanzania Metrological Agent., in case of data analysis and contents analysis used for qualitative data and for quantitative data computerized software such as SPSS used. The results or research finding was presented in Table, graphs and charts for the case of quantitative information. Throughout the research, process ethics was maintained and highly observed. The study findings were helped to conclude then after a recommendation for how people can cope and mitigate the effect of climate change.

