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AWARENESS AND ADAPTATION TO CLIMATE CHANGE IN ARID AND SEMI-ARID LANDS. A CASE OF BARINGO COUNTY

The main objective of this study was to determine the awareness and adaptation to climate change in Baringo County. The study adopted a descriptive survey design. Purposive sampling technique was used to obtain the sample. A total of 376 households were selected for the study. Questionnaire, key informant interview schedule and observations were the main instruments of data collection. Analysis of data was done using the SPSS. Percentages were used to analyze awareness and adaptation to climate change. About 70% of the households in the area are aware of climate change and have adapted to it by using small containers, storage tanks and dams. Governmental and non-governmental organizations in Baringo create awareness through group meetings and construction of dams. However, many households use basic methods and technologies yet these are arid and semi-arid lands (ASALS) where droughts are frequent and rains more erratic. There is need to create awareness on improved technologies in Baringo in order to adapt to changing climate.

Keywords

Awareness, Adaptation, Climate change, Arid and semi-arid , Baringo county

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