

**“Coping Strategies Addressing Water Shortages in Kiritiri Area in Mbeere Sub-County,  
Embu County”**

**Nyakio Eliud Ndu’ngu**

**A105/10664/2013**

**April, 2017**

**Abstract**

The study aimed at identifying the appropriate mitigation measures to curb water shortage at Kiritiri area in Mbeere Sub County. The study purposed to identify the causes deteriorating the water resources hence leading to the water shortages. The objectives of the study were to identify the sources of water, identify the main causes of water shortages and identifying the strategies implemented to curb water shortages. Data was collected through administering questionnaires and direct observation. Research design used was stratified random sampling techniques to collect the information from the selected households or people. Data collected through questionnaires and direct observation was analyzed using the Statistical Package of Social Science and the results were presented in tables, graphs and charts form. The key findings included; lack of awareness creation on efficient of water, lack of full implementation of water harvesting techniques, pollution of water sources and misuse of water through irrigation of the farms, prolonged drought condition and leakages through broken or unmaintained distribution systems. The recommended measures include, fully practicing water harvesting techniques like construction of water pans and roof catchment of rain water, awareness creation on efficient use of water, pollution control and avoidance on misuse of water and repairing of broken pipes and distribution systems. The study intended to identify the best strategies which can suit the Mbeere Sub County area and would help supplement the little water they got from the area for their use.