



Mitigating the impact of environmental degradation on climatic change and global warming

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Background: The program aim at contributing to improved effectiveness and efficiency of climatic management systems by strengthening the capacity to intervene in an appropriate, effective and timely fashion in the districts of Kampala, Tororo and Jinja.

Methods: The districts of implementation were selected because they hold the most eminent industrial centers and trading hubs of the country that are sources of environmental degradation and industrial emissions.

Results: The program seeks to reduce the vulnerability of Ugandans and improving their coping mechanisms to effects of climate change. Environmental aspects in Uganda that have an effect on climate change include; industrial emissions and discharges, vehicle fumes, poor garbage disposal, encroachment on swamps and forest reserves. In return climate change affects the environment as well agricultural production. The unpredictable rains have led to loss of crops because rain has been either too much or too little and too late during planting or harvesting seasons. Climate change is making it difficult for people to feed themselves as crops become susceptible to diseases and unpredictable weather patterns.

Conclusions: In order to achieve long term positive effects, the capacity of environment users should be built such that they provide eco-system services through adoption of environmentally friendly practices that mitigate carbon activities, protect and restore water catchments system like massive tree planting, installation of waste treatment mechanisms, advocacy and enactment of legislations as well as installing locally designed incinerators at institutional, community public points, municipal garbage centers and households.

Key words: Mitigating, Environmental degradation, Global warming, Climate change.