

Project Summary

Title	Enhancing the resilience of agricultural communities to climate change and variability in eastern Uganda and Albertine Rift
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Purpose	The major goal of the project is to contribute to the achievement of a climate resilient agricultural communities and improvement of rural livelihoods for poor communities in the Uganda
Project Summary	Climate change and variability is one the major environmental challenges that is likely to affect livelihood of mankind for very long time. The situation is likely to be very complex in the tropical region, most especially in the sub-Saharan Africa continent. In Uganda as well as in other African countries, there is a paucity of reliable field measurements of C stocks and fluxes from different ecological systems, and people climate change and variability adaptation options. Most climate change scenarios show that the eastern and western regions of Uganda are likely to be highly affected by climate change and variability. At local scale, global climate change and variability trends can be amplified by Land use/cover dramatic changes; with severe subsequent negative consequences on people's livelihood. This study aims at contributing to the achievement of a climate resilient agricultural communities and improvement of rural livelihoods for poor communities in the Uganda. The specific objectives include: to assess the effect of Land Use and Climate Change and variability on livelihoods and Sediment and Carbon loading in the rivers of eastern Uganda and in the Albertine rift, to identify climate change adaptation range of options to reduce vulnerability to climate change, and to determine the best micro-organisms rate and combinations for quick tree growth in Eastern Uganda.
Country and Specific Location(s)	Albertine Rift and Eastern Uganda
Participating Institutions	Makerere University
Start Date	October, 2009
End date	October, 2009
Amount of Funding	USD 29,400