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IPROMO

*Environmental and economic issues
to enhance mountain sustainability*
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Education

M.A. Economics (specialization Environmental and Natural Resources Economics, Makerere University

Post graduate Certificate in Monitoring and Evaluation
Makerere University


Bachelor of Arts in Social Science,(Economics Geography), Makerere University

Employment and main activities

Monitoring and Evaluation Officer;

The activities Involves; proposal writing, designing questionnaires, Data collection, analysis and reporting

Other interests (volunteer work, hobbies etc.)

- Volunteering in activities advocating for mountain resource conservation e.g. Climate change adaptation, soil conservation (Proper methods of farming), resilient methods
 - Dancing
 - Mountain walk, hiking, climbing
 - Swimming
 - Reading
 - Visiting
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Environmental-Economic Accounting in Uganda: A case of Mountain Natural resources (Minerals and Forests)

Introduction

Uganda is endowed with number of mountains (Mt Elgon in Eastern, Mt Rwenzori in Western, Mgahinga in South West, Mt Moroto, Mt Napak and Kadam in North East Uganda

These Mountain contain different natural resources; fertile soils for agriculture, forest resources, mineral resources, abundant water resources, and diverse flora and fauna.

The natural resources form the backbone of the economy and provide the basis for the social and economic development of the country

Problem Statement

The contribution of the natural resources to the economic growth in Uganda is underestimated (UBOS, 2016) partly due to lack of market prices. This has apparent consequences on formulation of adequate conservation policies for these resources. This proposed study will fill this information gap.

Objectives of the study

General Objective is to construct environment-economic accounting matrix for mountain minerals and forest resources in Uganda

Specific Objectives;

To estimate the Total Economic Values of mountain minerals and forests in the country

This study will assess the stock, flow and the utilization of these (minerals and forests) from mountainous area both in physical and monetary terms.

The study will adjust SNA to incorporate environmental depleted mountainous minerals and forests for proper sustainable management tools

Methodology

- Area of study: Mountain Elgon and Rwenzori
- Methods: Economic valuation of Mountain Resources –using CVM
- Satellite images (1980, 1990, 1995, 2005, 2010) covering the targeted mountain natural resources will be applied to estimate the depletion rate.
- SEEA 2012 framework will be used to monitor the stock, flow and utilization of mineral resources and Forests.
- Adjust SNA to incorporate the depleted mountain minerals and natural $DP = C+I +G+ (X-M)$, using the formula applied by Hussein, (2012) and expressed as;

$GG = (GDP - C) - dm - dn + he - ed$ [Where; GG- Genuine Growth , $GDP = C + I_g$, GDP-C is the gross domestic investment I_g - Government Investment, dm is the depreciation of human made (produced) capital, dn is the value of mountain minerals and forest resources depleted/depreciated, he is the value of the investment in human capital, ed is imputed values of environmental depletion/degradation.