Mangroves and Livelihood: An assessment of livelihood projects in the mangrove ecosystem along the Kenyan Coast

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Introduction

- ♦ The coastal people have strong economic ties with the coastal ecosystem
- They derive the main livelihood from the marine environment
- ♦ Mangroves form an important ecosystem along the Kenya's coast
- The Kenyan coastal population is 3.3M, this has shown a 22.6% increase from 1999 to 2009
- ♦ Increased population poses a challenge to resource sustainability
- Initiating livelihood projects have been necessary to complement or replace existing activities

Objectives

Overall objective:

Assess the feasibility and sustainability of livelihood projects in the mangrove ecosystem along the Kenyan Coast

Specific objectives:

- ♦ To identify the livelihood projects
- ♦ To assess the status/condition of the livelihood projects
- ♦ To conduct a **SWOT** analysis of identified livelihood projects
- ♦ To identify the causes of failure or success of the livelihood projects

Study area Mida Creek Shimo La Tewa Demweni Gazi Bay Mkurumuji Msambweni

Methodology Data collection

The study was conducted in three sites along the Kenyan Coast: Wasini Island, and Gazi Bay in the South; and Mida Creek in the North

Focus group discussion

- Conducted at the project sites with members directly involved in project management
- To generate qualitative information on the strengths, weaknesses, opportunities and threats (SWOT) of the respective project

Individual interviews

A questionnaire was used to interview locals and identified project stakeholders

DELPHI

Stakeholders' online survey using Google docs for consensus building in view of project implementation

Projects studied



Preliminary results and ongoing research

- Identified livelihood activities: Gazi Bay and Mida Creek: Ecotourism; Beekeeping and Mariculture and Wasini Island: Ecotourism
- **SWOT Analysis:** Strength Healthy mangrove forest; Weakness- Un capacitated members; Opportunity-Presence of resourceful institutions; Threat - Lack of project ownership
- Ongoing research: Analysis of individual questionnaires and Delphi procedure













