

**TECHNICAL EVALUATION OF THE MATERIAL AND TRAINING
CAPACITY NEEDS FOR WATER RETENTION STRUCTURES IN
KENYA'S ARID AND SEMI ARID AREAS: A STUDY OF KITUI
DISTRICT**

BY

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**Plan of Action Submitted to Kenya National Commission for UNESCO
(KNATCOM)**

Background

The University of Nairobi UNESCO/UNITWIN Chair has been undertaking backstopping tasks in conjunction with stakeholders from the Netherlands, Belgium, Tanzania and a local NGO. The tasks have mainly entailed rehydration of Arid and Semi-Arid Lands (ASALS) in Kitui District, Kenya. Specifically, the work has been to provide the intellectual input in basic research towards the construction of water retention structures, sand dams in Kitui District.

One of the glaring gaps in the project on water retention structures has been problems of research into the material and training needs for enhanced capacity building.

This document is a plan of action for the evaluation in question.

Purpose of the Evaluation

The purpose of the proposed evaluation is to investigate the history and dynamics behind water retention structures in Kitui District, Kenya. The study should come out with clear material and training needs for enhancing intervention capacity for small and sustainable water retention structures in the district.

Evaluation Methodology

The evaluation methodology will be participatory and on the basis of the following procedures:

1. Working closely with KNATCOM, The Sahelian Solutions (SASOL) and the Kitui community.
2. Development of participatory tools for needs assessment.
3. Pretesting and revision of the tools.
4. Conducting fieldwork data collection using such techniques as focus group discussion, key informant interviews, review of secondary and case studies.
5. Data analysis and report writing.

Time Frame

The evaluation will be undertaken in 60 days (August-September 2003) as follows:

Activity	No. of Days
1. Review of secondary data	7
2. Preparation of data gathering of Instruments	4
3. Pretesting and revision of data gathering Instruments	5

4. Fieldwork data collection	
Kitui Central, South & East @ 10 days	30
5. Data analysis and report writing	14
Total Duration	60

Budget

The proposed budget is as follows:

Item	Cost (USD)
1. Daily subsistence travel & accommodation allowance for 4 Enumerators* for 30 field days @ USD 40	4,800
2. Payment for 4 Enumerators for 60 days @ USD 40	9,600
3. Daily subsistence allowance for supervisor** (10 Field days @ USD 40)	400
4. Payment to supervisor 20 days @ USD 150	3,000
5. Supervisor's transport for field: car hire for 10 days @ USD 150	1,500
6. Stationery and materials	2,000
7. Communication & secretarial services	1,200
8. Costs of support to 2 community shallow wells	2,500
Total	25,000

* The 4 Enumerators are experienced social science researchers who have already worked in Kitui District recently.

** The supervisor will be in-charge of the overall direction and management of the evaluation process and outputs on behalf of the UNESCO Chair.