

Appendix A1

Focus group guidelines and household survey for communities and households in the lowveld of Swaziland.

A1.1 Focus Group Guidelines

Focus group questions

Purpose:

The purpose of this focus group is to better understand what changes have happened in Lubombo communities over the last decade and how people respond to those changes. We are specifically interested in things that impact day to day livelihood activities and quality of life and wellbeing.

Major community events (Event Matrix)

Please discuss any major events that have affected daily activities in the community over the last 20-30 years. This can include change in leadership, drought, flood, sugarcane, migration, roads, electricity, water, urbanization, schools, clinics, and disease, anything that has impacted daily life in the community.

Livelihood strategies (Spidergram)

Let's create a picture by drawing areas where you collect resources and other things needed for day to day life. For each area, we want to identify livelihood strategies. These are activities that the family uses to obtain income or food. Please include areas where you farm, collect firewood or plants, sell products, or have jobs that provide wages. (Create a diagram of livelihood activities and general location of activities or resources needed).

We're providing you with 100 counters that represent a homestead's livelihood activities. Think about an average month. Please distribute the counters in proportion to the contribution that each activity makes to a homestead. For example, if your homestead spends 50% of the time farming and 50% of your time working in a town, place 50 counters on the homestead and 50 in the village where they work. Each homestead may be different but we want to get a general understanding of most homesteads in the community.

Drought and Impacts

Next, we want to talk about drought. When has drought impacted your community? Are the impacts of drought getting worse or better? What has drought impacted directly, for example, farming, firewood, sales, and cattle? Did you lose income? Were people out of work? Did you have less food? Did your family members lose weight or get sick? Did cattle die or were there other changes in the environment that impacted you?

Responses to major events

Now consider the picture we made of resources and activities and where you get your resources. How did the distribution of resources change following each event? For instance, after a drought, did farming increase or decrease in importance to your homestead? Did you get more resources from a different area, like food aid or food gifts? (Go through and ask them to move counters if they changed strategies. Have them discuss other changes they made to their daily activities).

Limitations to responses

There are some times when your livelihoods and resource use did not change after a major event in the community. We want to understand why. Please think about things that may have prevented you from altering your daily activities and discuss them. This may include a lack of money or information, lack of access to machines or markets, or maybe you simply didn't want to change. Perhaps it was inappropriate for you to change anything. Please think of anything that may have led to your decision to change your livelihoods or not.

Community factors

Please look at the map and try to outline where your community starts and ends. Do you think your community is different than other communities in any way? Are there more or less resources? Is there the same amount of development or aid? Are there more or less people or are the populations changing differently. (Prompt to compare to communities in the Lowveld or others on the ridge)

Other Topics and Conclusion

Again, our goal is to understand what changes have happened in your lives, how people respond or don't respond to those changes, and how it all impacts your wellbeing. Is there anything that you think is important that we haven't discussed today?

Thank you for participating in this focus group!

A1.2 Household Survey

Enumerator Name	Translator name
Date of Survey	Community Name
Time survey start	Time Survey End
Sex of Interviewee(s)	Household head (Y/N)
Household Code	

Section A-Homestead data

A.1 Date of Settlement at homestead

A.2 What is the main type of roof?

1. Thatched Grass
2. Corrugated Iron
3. Other (specify)

A.3 What is the main type of floor?

- 1. Mud
- 2. Cement/stone
- 3. Other (Specify) | _____ |
- A.4 What is the main type of floor?**
- 1. Mud
- 2. Cement/stone
- 3. Other (Specify) | _____ |
- A.5 What is the main type of wall?**
- 1. Mud and sticks
- 2. Mud and stones
- 3. Cement, cinderblock
- 4. Other (specify) | _____ |
- A.6 Do you have electricity at the homestead?**
- 1. No | _____ |
- 2. Yes
- A.7 What fuel is used to cook with?**
- 1. Dung
- 2. Wood
- 3. Coal/charcoal
- 4. LPG
- 5. Kerosene
- 6. Electricity | _____ |
- A.7 How many children <16 years old live at the homestead?** | _____ |

A.8 Answer the following for all family members 16 and older

HH ID	ID Code	Sex	Age	Marital status	Literate (yes/no)	Years of Education	Months/years at homestead	Principal Occupation	Secondary Occupation
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01

02

03

B.1 What is the primary livelihood activity?

- 1. Own farm activity
- 2. Salaried employment
- 3. Agriculture employment

4. Small business
5. Natural resource collection
6. Craft manufacture
7. Other (Specify)

B.2 What is the secondary livelihood activity?

(Use codes from above)

B.3 What is the tertiary livelihood activity?

(Use codes from above)

B.4 Does the primary livelihood activity account for more than 50 percent of your household's livelihood?

1. No
2. Yes

B.5 Who is the main breadwinner in the household?

(Use individual ID Code)

B.6 For household members who work off-farm, how far do they travel for work, on average?

1. <1km
2. 1-5km
3. 5-10km
4. 10-15km
5. 15-20km
6. 20-30km
7. >30km

Location of off-farm work

B.7 What is the primary food source?

1. Own farm harvest
2. Purchased food
3. Traded food
4. Food gifts
5. Food aid
6. Other (specify)

B.8 What is the secondary food source?

(Use codes from question B.7)

B.9 What are the primary crops that you cultivate at home (20% or more of total planted crops)?

B.9 In a good year, how many bags does your household harvest?

1. <5 bags
2. 5-10 bags
3. 10-15 bags
4. 15-20 bags
5. 20-30 bags
6. 30-40 bags
7. >40 bags

Section C-Financial Capital

C.1 Does your household own any of the following? (1 if No, 2 if yes)

Radio/Cassette player? | _____ |

Bicycle? | _____ |

Motorcycle/scooter? | _____ |

Refrigerator? | _____ |

Tractor? | _____ |

Plow? | _____ |

Television? | _____ |

Telephone/cell phone? | _____ |

C.2 What is your average total monthly household income?

- 1. <E200
 - 2. E200-E500
 - 3. E500-E1,000
 - 4. E1,000-E2,000
 - 5. E2,000-E3,000
 - 6. E3,000-E5,000
 - 7. >5,000
- | _____ |

C.3 When was the last time someone in your household received money for work (a paycheck), government money, money for services, or payment for product sales?

- 1. Within the last 3 days
 - 2. Within the last week
 - 3. Within the last 2 weeks
 - 4. Within the last month
 - 5. Within the last 2 months
 - 6. More than 2 months ago
- | _____ |

Section D-Natural Capital

D.1 Have you planted anything this season?

- 1. No
 - 2. Yes
- | _____ |

D.2 If no, do you plan to plant this season?

1. No
2. Yes

| _____ |

D.3 If yes, what proportion of your farmland are you currently using for farming?

1. <10%
2. 10-30%
3. 30-50%
4. 50-70%
5. 70-90%
6. >90%

| _____ |

D.4 What percentage of your farmland did you farm last year?

1. <10%
2. 10-30%
3. 30-50%
4. 50-70%
5. 70-90%
6. >90%

| _____ |

D.5 Does your household collect wild food?

1. No
2. Yes

| _____ |

D.6 What proportion of your diet comes from wild foods?

1. <10%
2. 10-30%
3. 30-50%
4. >50%

| _____ |

D.7 How far do you travel to collect wild foods?

1. <1km
2. 1-3km
3. 3-5km
4. >5km

| _____ |

D.8 How far do you travel to collect fuel wood?

1. <1km
2. 1-3km
3. 3-5km
4. >5km

| _____ |

D.9 Please look at the map and outline the following:

Where your farmland is located

Where you travel to collect firewood

Where you travel to collect wild foods

Section E-Physical Capital

E.1	How far (Km) do you travel to reach the [FACILITY]:	How do you travel to get to [FACILITY]?	How long does it take you to reach [FACILITY]?	
	1. <1km 2. 1-5km 3. 5-10km 4. 10-20km 5. 20-30km 6. 30-50km 7. >50km	1. Walk 2. Drive 3. Bus/public transport 4. Bicycle	Hours	Minutes
Primary School				
Middle School				
Secondary School				
Clinic				
Market				

E.2 How many do you own of each of the following?

1. Chicken
| _____ |
2. Turkey
| _____ |
3. Goat
| _____ |
4. Sheep
| _____ |
5. Cow
| _____ |
6. Donkey
| _____ |
7. Pig
| _____ |
8. Other livestock (specify)
| _____ |

E.3 What is the main source for your drinking water?

1. Tap
2. Well
3. Borehole
4. Running water (river, stream)
5. Lake
6. Other (specify)

- _____
E.4 How far is this drinking source from the homestead?
 1. Within homestead
 2. <0.5 km
 3. 0.5-1km
 4. 1-3km
 5. >3km

- _____
E.5 How many months of the year is this water source available?
 1. 0-3 months
 2. 3-6 months
 3. 6-9 months
 4. 12 months

- _____
E.6 What is the distance to the water sources used for livestock (cattle)?
 1. Within homestead
 2. <0.5 km
 3. 0.5-1km
 4. 1-3km
 5. >3km

Section F-Social Capital

- F.1 Are you or any member of your household a member of a community organization?**
 1. No
 2. Yes

- F.2 How many times in the last month did you attend:**
 Church

 Community Meeting

 Organizational meeting

- F.3 Do you or any household member have any leadership positions in the community?**
 1. No
 2. Yes

- F.4 If so, how long have they held the leadership position**

- F.5 How many times in the last month have you received gifts from friends or community member?**

F.6 Does your household trade goods with your neighbors?

1. No
2. Yes
| _____ |

F.7 If, so, how often do you trade, on average?

1. Daily
2. Weekly
3. Every 2-3 weeks
4. Monthly
5. Every 2-3 months
6. 1-2 times per year
7. Other (specify)
| _____ |

F.8 Does your household work for your neighbors?

1. No
2. Yes
| _____ |

F.9 If, so, how often do you work for your neighbors, on average?

1. Daily
2. Weekly
3. Every 2-3 weeks
4. Monthly
5. Every 2-3 months
6. 1-2 times per year
7. Other (specify)
| _____ |

F.10 Do you hire your neighbors?

1. No
2. Yes
| _____ |

F.11 If, so, how often do you hire your neighbors, on average?

1. Daily
2. Weekly
3. Every 2-3 weeks
4. Monthly
5. Every 2-3 months
6. 1-2 times per year
7. Other (specify)
| _____ |

F.12 Where do you get information about farming and weather?

1. Neighbors
2. Community Meetings
3. Government extensions
4. UniSwa
5. Radio/TV
6. Cell phone

- 7. Newspaper
 - 8. RSSC
 - 9. Aid Organization
- | _____ |

Section G-Health and Food Security

G.1 In the past 24 hours how many times have household women eaten? | _____ |

G.2 In the past 24 hours how many times have household men eaten? | _____ |

G.3 In the past 24 hours how many times have household children eaten? | _____ |

G.4 In the past 24 HOURS has anyone in your household eaten the following? (1 if No, 2 if yes)

Maize
| _____ |

Rice
| _____ |

Sorghum
| _____ |

Other grains?
| _____ |

Bread
| _____ |

Chicken
| _____ |

Fish
| _____ |

Beef
| _____ |

Pork
| _____ |

Other meat
| _____ |

Eggs
| _____ |

Beans
| _____ |

Vegetables
| _____ |

Milk or dairy
| _____ |

Other food (specify) | _____ |

G.5 In the past 7 DAYS has anyone in your household eaten the following? (1 if No, 2 if yes)

Maize

| _____ |

Rice

| _____ |

Sorghum

| _____ |

Other grains?

| _____ |

Bread

| _____ |

Chicken

| _____ |

Fish

| _____ |

Beef

| _____ |

Pork

| _____ |

Other meat

| _____ |

Eggs

| _____ |

Beans

| _____ |

Vegetables

| _____ |

Milk or dairy

| _____ |

Other food (specify)

| _____ |

G.6 How many household children 0-5 years old have died recently (in the past 2 years)?

| _____ |

G.7 (If 0, Skip to next question) By what cause(s)?

G.8 How many household adults have died recently (in the past 2 years)?

| _____ |

G.9 In the past 30 days, how many household members have visited a hospital or clinic?

| _____ |

Section H- Drought & Adaptation

H. How do you know when there is a drought? (What cues, evidence, and trends do you

1 use)?

H. **Thinking back over the last 30 years (or when you first moved to the community) how**
2 **have the impacts of drought changed compared to the past?**

1. Fewer negative impacts of drought
2. No change in impacts of drought
3. More negative impacts of drought

| _____ |

H. **In the past 5 years, have you and your household experienced drought?**

- 4
1. No
 2. Yes

| _____ |

H. **Excluding the last 6 months, has your household done any of the following over the**
5 **past 5 years in response to drought? (1 if no, 2 if yes)**

Planting Alternative crops

| _____ |

Conservation farming

| _____ |

Bee Keeping

| _____ |

Raising Indigenous Chickens

| _____ |

Collecting natural resources to sell

| _____ |

Handicrafts

| _____ |

Sending family to work in cities

| _____ |

Sending family to work in Sugarcane

| _____ |

Participated in training provided by aid organizations

| _____ |

Other (specify)

H. **What were the results of each adaptation (prompt if necessary, increase in**
6 **production, increased income, increased food consumption, etc.).**

Planting Alternative crops

Conservation farming

Bee Keeping

Raising Indigenous Chickens

Collecting natural resources to sell

Handicrafts

Sending family to work in cities

Sending family to work in Sugarcane

Participated in training provided by aid organizations

Other (specify)

H. In response to drought this year, in the last 6 months, has your household done any of the following? (1 if no, 2 if yes)

Planting Alternative crops

| _____ |

Conservation farming

| _____ |

Bee Keeping

| _____ |

Raising Indigenous Chickens

| _____ |

Collecting natural resources to sell

| _____ |

Handicrafts

| _____ |

Sending family to work in cities

| _____ |

Sending family to work in Sugarcane

| _____ |

Participated in training provided by aid organizations

| _____ |

Other (specify)

Section I-Barriers and Impacts of Adaptation

For the next section, organize questions based on adaptation behavior. Ask first about adaptations that were done and second about those that weren't.

If adaptation was done in the last 6 months ask

I. What did [the adaptation] involve, describe what you and your household changed?
1

I. How much money did your household spend to do [the adaptation]?

- 2**
1. No money spent
 2. < E100
 3. E100-200
 4. E200-500
 5. E500-1000
 6. >E1000

I. Did [the adaptation] require more time spent working or more people? If so, how much
3

I. How has [the adaptation] impacted the following

- 4**
1. Increased/Improved
 2. Decreased/Decline
 3. No change

Total amount of agricultural production

| _____ |

Total number of meals eaten by the household

| _____ |

Amount of food eaten per meal by the household

| _____ |

Total Household Income

| _____ |

I. Did [the adaptation] have any other impacts to you or your household?
5

If the adaptation WASN'T done, ask the following questions

I. Which of the following BEST explains why you didn't do [the adaptation]?

- 6**
- 1. Don't know enough about it**
 - 2. Don't have the money**
 - 3. Don't have the time**
 - 4. Don't have the resources (land, plow, household members, etc., specify)**
 - 5. It won't help my household deal with drought**
 - 6. No one else is doing the adaptation**
 - 7. It is not an option for my household for some other reason (specify)**
-

I. Which of the following are additional reasons why you didn't do [the adaptation]?

- 7**
- 1. Don't know enough about it**
 - 2. Don't have the money**
 - 3. Don't have the time**
 - 4. Don't have the resources (land, plow, household members, etc., specify)**
 - 5. It won't help my household deal with drought**
 - 6. No one else is doing the adaptation**
 - 7. It is not an option for my household for some other reason (specify)**
-

I. Are there other things you would like to be able to do in response to drought that you can't? Specify

8
