#### **Radio for Resilience**

O# Occasion	Cadaa	
SCREENER QUESTIONS		
Good morning/afternoon/evening. My name is	now people in this neight Iso to understand people elevision and radio shows	oourhood feel about e's media habits and s so that they better
INTERVIEWER: ASK THE FOLLOWING QUESTIONS TO THI KNOWLEDGEABLE PERSON IN THE HOUSEHOLD TO GET MEMBERS.		
HOUSEHOLD SERIAL NUMBER:		

#### Q# Question Codes **S1** Please let us know how many people live in your household? Do not forget to include any Number: domestic servant who usually lives (sleeps and eats) under the same roof. (write number in box) S2 **HOUSEHOLD LIST** Please give us the first name or initials, age and sex of each person of 15 or above in the household **STARTING FROM THE YOUNGEST ONE**. Do not forget to include yourself if you are 15 or more. And do not forget to include any domestic servant who usually lives (sleeps and eats) under the same roof. Perso First Name or Initials Sex Age n No. Male Female 1 2 1 2 1 2 2 3 1 4 1 2 5 1 2 6 1 2 7 1 2

8	1	2	
9	1	2	
10+	1	2	

S2.1 If there are no members of the household between aged 15 or above then thank respondent and terminate interview.

Interview continued	1	PROCEED TO KISH GRID
Interview terminated	2	

#### KISH - GRID

#### **Kish grid instructions:**

- Look up the column for the last digit in the household serial number and the row for the number of eligible people
- The number in the cell where the column and row meet is the Person No. to interview. For example, if household serial ending in '2' has '3' adults, interview the household member listed as Person No. 2 in the Household List at Q.S2
   Circle the chosen respondent and if available explain to them the purpose of the interview, obtain consent and proceed
- If the selected respondent will be available that day, but is not available/ not at home at the time the interviewer calls, the interviewer should make 2 return calls to see if that person is available/ has returned before selecting another household.
- If the selected respondent is not going to be available that day, the interviewer should go to the next household. Do not select another respondent within the household.]

		Last Digit of Household Serial No.									
Eligible people	1	2	3	4	5	6	7	8			
1	1	1	1	1	1	1	1	1			
2	1	2	1	2	1	2	1	2			
3	1	2	3	1	2	3	1	2			
4	1	2	3	4	1	2	3	4			
5	1	2	3	4	5	3	4	5			
6	1	2	3	4	5	6	3	6			
7	1	2	3	4	5	6	7	4			
8	1	2	3	4	5	6	7	8			
9	1	2	3	4	5	6	7	8			

10 or more	1	2	3	4	5	6	7	8

#### INTRODUCTION AND CONSENT

Good morning/afternoon/evening. My name is \_\_\_\_\_\_\_. I am here on behalf of [Research Agency] a Research Agency, in Tanzania. I am here to learn about how people in this neighbourhood feel about some important social and environmental topics and also to understand people's media habits and needs. We would like to talk to you and other people in your neighbourhood about these issues. You were chosen by chance (like picking a mango out of a basket without looking), and your help in answering our questions is important and voluntary.

The information will be used to improve radio/TV programmes. There are no right or wrong answers to these questions, I am only interested in your own view or experiences.

Your identity and responses will be kept confidential, which means we will remove anything that could identify you as taking part in this study, such as names and villages. Your answers to my questions will be combined with answers from many other people, so that no one will know that the answers you give me today belong to you. There is no direct benefit to you for participating, but the answers that you provide will help to develop better radio/TV programmes for people in this and other communities in Tanzania. The combined information that we collect from people in Tanzania will be shared and used to improve social issues in your community.

You can decide not to answer any question that you do not want to, you can stop the interview at any time without explanation, or you can request that your answers are removed from the research at any time. You will not be penalized if you decide not to participate.

The interview will take about [60 minutes].

Do you understand what I have just explained? (circle): Yes No

Do you want to ask me any questions about the interview at this time? (circle): Yes No

INTERVIEWER: PLEASE ANSWER ANY QUESTIONS ASKED BEFORE PROCEEDING

Do you agree to participate in this interview? (circle): Yes No

#### **INFORMED CONSENT**

# BEFORE COMPLETING THIS CONSENT FORM YOU MUST READ THE ABOVE INFORMATION AND ANSWER ANY AND ALL QUESTIONS THE PARTICIPANT MAY HAVE.

I have discussed with the respondent the above procedures, explicitly pointing out potential risks or discomforts. I have asked whether any questions remain and have answered these questions to the best of my ability. The respondent verbally agreed to participate in this study.
Interviewer name:
Interviewer signature:
Dated:
IF RESPONDENT IS BELOW 18 OBTAIN ADDITIONAL CONSENT FROMPARENT/GUARDIAN
I have discussed with the parent/guardian the above procedures, explicitly pointing out potential risks or discomforts. I have asked whether any questions remain and have answered these questions to the best of my ability. The parent/guardian verbally agreed to grant consent for the respondent to participate in this study.
I have discussed with the parent/guardian the above procedures, explicitly pointing out potential risks or discomforts. I have asked whether any questions remain and have answered these questions to the best of my ability. The parent/guardian verbally agreed to grant consent for the
I have discussed with the parent/guardian the above procedures, explicitly pointing out potential risks or discomforts. I have asked whether any questions remain and have answered these questions to the best of my ability. The parent/guardian verbally agreed to grant consent for the respondent to participate in this study.
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I have discussed with the parent/guardian the above procedures, explicitly pointing out potential risks or discomforts. I have asked whether any questions remain and have answered these questions to the best of my ability. The parent/guardian verbally agreed to grant consent for the respondent to participate in this study.  Interviewer name:

IMPORTANT: Signed copies of this consent form must be retained on file by the principal investigator, and given to the respondent (if requested)

# **INTERVIEWER RECORD RESPONDENT DETAILS**

SR. Relationship with head of the household Wife/Husband 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		T	T
Daughter/Son   3			
Mother/Father	household?		2
Sister/Brother   5   6   7   7   7   7   7   7   7   7   7			3
Daughter-in-law/Son-in-law CO-wife Adopted/Foster/Stepson/stepdaughter Other relative Domestic servant/maid Other  S3. Age Write in years Don't know Refused  S4. Location (single code) Urban Rural  S5. Household Serial Number Write in household number  S6. Sex of the respondent (single code) Female  S7. Indicate status of location City Town Large Village Hamlet  S7. S73 Village Name (write in) S7b Town Name (write in) S7c City Name (write in) S8. Ward Name (write in) S9. District (Write in) S9. District (Write in)  S6. District (Write in) S9. District (Write in)  S6. District (Write in) S9. District (Write in) S9. District (Write in)		Mother/Father	4
Co-wife		Sister/Brother	5
Adopted/Foster/Stepson/stepdaughter Other relative Domestic servant/maid Other 11  S3. Age  Write in years Don't know Refused  88  99  S4. Location (single code)  Urban Rural  2  S5. Household Serial Number  Write in household number  Male Code)  Female  S7. Indicate status of location  City Town Large Village Small Village Hamlet  S7b Town Name (write in) S7b Town Name (write in) S7c City Name (write in) S8. Ward Name (write in) S9. District (Write in)		Daughter-in-law/Son-in-law	6
Other relative Domestic servant/maid Other         9 10 10 11 11 11 11 11 11 11 11 11 11 11		Co-wife	7
Domestic servant/maid		Adopted/Foster/Stepson/stepdaughter	8
S3. Age         Write in years Don't know Refused         ————————————————————————————————————		Other relative	9
S3. Age  Write in years Don't know Refused  88 99  S4. Location (single code)  Urban Rural  2  S5. Household Serial Number  Write in household number  S6. Sex of the respondent (single code)  Female  S7. Indicate status of location  City Town Large Village Hamlet  S7a Village Name (write in) S7b Town Name (write in) S7c City Name (write in) S8. Ward Name (write in) S9. District (Write in)  S9. District (Write in)		Domestic servant/maid	10
Don't know Refused 88 99  S4. Location (single code) Urban 1 Rural 2  S5. Household Serial Number Write in household number  S6. Sex of the respondent (single code) Female 1  S7. Indicate status of location City 1 Town 2 Large Village 3 Small Village 4 Hamlet 5  S7a Village Name (write in) 57b Town Name (write in) 57c City Name (write in) 59. District (Write in) 51  Large Village Name (Write in) 50		Other	11
Don't know Refused 88 99  S4. Location (single code) Urban 1 Rural 2  S5. Household Serial Number Write in household number  S6. Sex of the respondent (single code) Female 1  S7. Indicate status of location City 1 Town 2 Large Village 3 Small Village 4 Hamlet 5  S7a Village Name (write in) 57b Town Name (write in) 57c City Name (write in) 59. District (Write in) 51  Large Village Name (Write in) 50	S3. Age	Write in years	
S4. Location (single code)  S4. Location (single code)  Urban Rural  2  S5. Household Serial Number  Write in household number  S6. Sex of the respondent (single code) Female  2  S7. Indicate status of location  City Town 2 Large Village Small Village Hamlet  S7a Village Name (write in) S7b Town Name (write in) S7c City Name (write in) S8. Ward Name (write in) S9. District (Write in)  S9. District (Write in)		The state of the s	
S4. Location (single code)  Urban Rural  2  S5. Household Serial Number  Write in household number  S6. Sex of the respondent (single code)  Female  S7. Indicate status of location  City Town Large Village Small Village Hamlet  S7a Village Name (write in) S7b Town Name (write in) S7c City Name (write in) S8. Ward Name (write in) S9. District (Write in)  S9. District (Write in)			88
S4. Location (single code)  Rural  2  S5. Household Serial Number  Write in household number  S6. Sex of the respondent (single code)  Female  S7. Indicate status of location  City  Town  Large Village  Small Village  Hamlet  S7b Town Name (write in)  S7b Town Name (write in)  S7c City Name (write in)  S8. Ward Name (write in)  S9. District (Write in)  S9. District (Write in)			
Rural  S5. Household Serial Number  Write in household number  S6. Sex of the respondent (single code)  Female  S7. Indicate status of location  City  Town  Large Village  Small Village  Hamlet  S7b Town Name (write in)  S7c City Name (write in)  S8. Ward Name (write in)  S9. District (Write in)  S9. District (Write in)			99
S5. Household Serial Number  Write in household number  S6. Sex of the respondent (single code)  Female  S7. Indicate status of location  City  Town  Large Village  Small Village  Hamlet  S7a Village Name (write in)  S7b Town Name (write in)  S7c City Name (write in)  S8. Ward Name (write in)  S9. District (Write in)  Write in household number  1  1  2  1  Town  2  Large Village  3  Small Village  4  Hamlet  5  S7a Village Name (write in)  c)	S4. Location (single code)	Urban	1
S5. Household Serial Number  Write in household number  S6. Sex of the respondent (single code)  Female  S7. Indicate status of location  City  Town  Large Village  Small Village  Hamlet  S7a Village Name (write in)  S7b Town Name (write in)  S7c City Name (write in)  S8. Ward Name (write in)  S9. District (Write in)  Write in household number  1  1  2  1  Town  2  Large Village  3  Small Village  4  Hamlet  5  S7a Village Name (write in)  c)			
S6. Sex of the respondent (single code)  Female  S7. Indicate status of location  City  Town  Large Village  Small Village  Hamlet  S7a Village Name (write in)  S7b Town Name (write in)  S7c City Name (write in)  S8. Ward Name (write in)  S9. District (Write in)  S9. District (Write in)		Rural	2
code)  Female  2  S7. Indicate status of location  City  Town  Large Village  Small Village  Hamlet  5  S7a Village Name (write in)  S7b Town Name (write in)  S7c City Name (write in)  S8. Ward Name (write in)  S9. District (Write in)	S5. Household Serial Number	Write in household number	
code)  Female  2  S7. Indicate status of location  City  Town  Large Village  Small Village  Hamlet  5  S7a Village Name (write in)  S7b Town Name (write in)  S7c City Name (write in)  S8. Ward Name (write in)  S9. District (Write in)			
Female 2  S7. Indicate status of location City 1  Town 2  Large Village 3  Small Village 4  Hamlet 5  S7a Village Name (write in) a)		Male	1
S7. Indicate status of location  City  Town  Large Village  Small Village  Hamlet  5  S7a Village Name (write in)  S7b Town Name (write in)  S7c City Name (write in)  S8. Ward Name (write in)  S9. District (Write in)	code)	Fomalo	2
Town 2 Large Village 3 Small Village 4 Hamlet 5  S7a Village Name (write in) a)		remale	2
Large Village Small Village Hamlet  5  S7a Village Name (write in) S7b Town Name (write in) b) b) c) S7c City Name (write in) S8. Ward Name (write in) S9. District (Write in)	S7. Indicate status of location	City	1
Large Village Small Village Hamlet  5  S7a Village Name (write in) S7b Town Name (write in) b) b) c) S7c City Name (write in) S8. Ward Name (write in) S9. District (Write in)		Town	2
Small Village Hamlet  5  S7a Village Name (write in) S7b Town Name (write in) b)  b) c) S7c City Name (write in)  S8. Ward Name (write in)  S9. District (Write in)		TOWIT	2
Small Village Hamlet  5  S7a Village Name (write in) S7b Town Name (write in) b)  b)  c)  S7c City Name (write in)  S8. Ward Name (write in)  S9. District (Write in)		Large Village	3
Hamlet 5  S7a Village Name (write in) a)			
S7a Village Name (write in)  S7b Town Name (write in)  S7c City Name (write in)  S8. Ward Name (write in)  S9. District (Write in)		Small Village	4
S7a Village Name (write in)  S7b Town Name (write in)  S7c City Name (write in)  S8. Ward Name (write in)  S9. District (Write in)		Hamlet	5
S7b Town Name (write in)  S7c City Name (write in)  S8. Ward Name (write in)  S9. District (Write in)		Hamet	
S7b Town Name (write in)  S7c City Name (write in)  S8. Ward Name (write in)  S9. District (Write in)	S7a Village Name (write in)	a)	
S7c City Name (write in)  S8. Ward Name (write in)  S9. District (Write in)	S7b Town Name (write in)	b)	
S8. Ward Name (write in)  S9. District (Write in)	or a rown rame (write m)	~,	
S9. District (Write in)	S7c City Name (write in)	c)	village
S9. District (Write in)	S8. Ward Name (write in)		
S10. Region (write in)	S9. District (Write in)		
	S10. Region (write in)		

# NOW BEGIN THE INTERVIEW WITH THE SELECTED PERSON

#### 1. AWARENESS OF ENVIRONMENTAL ISSUES AND IMPACT FELT

Today, we are going to be talking about the social and environmental issues that may affect your life.

**QA1 ASK ALL** First I will ask you about environmental issues. : Over/throughout the last 10 years, do you think the following have increased, stayed the same, decreased?

READ OUT STATEMENTS AND CODE IN THE GRID BELOW.

SHOWCARD FOR SCALE (SINGLE CODE FOR EACH)

IF MENTIONED 'INCREASED', ASK - IS IT INCREASED A LOT OR INCREASED A BIT? IF MENTIONED DECREASE, ASK – DECREASED A LOT OR DECREASED A BIT? CODE ACCORDINGLY IN THE GRID BELOW.

Increased		Stayed the same	Decreased		
Increased a lot	Increased a bit		Decreased a bit	Decreased a lot	

	Increased a lot	Increased a bit	Stayed the same	Decreased a bit	Decreased a lot	Don't know	Refused /No answer
a) Number of trees/forest	5	4	3	2	1	88	99
c) Number of insects/pests	5	4	3	2	1	88	99
d) Quality of the soil for farming	5	4	3	2	1	88	99

QA2: ASK ALL Next, I will ask you about the weather.

Over the last 10 years, do you think the following have increased, stayed the same, decreased? READ OUT STATEMENTS AND CODE IN THE GRID BELOW. SHOWCARD FOR SCALE (SINGLE CODE FOR EACH) IF MENTIONED 'INCREASED', ASK - IS IT INCREASED A LOT OR INCREASED A BIT? IF MENTIONED DECREASE, ASK - DECREASED A LOT OR DECREASED A BIT? CODE ACCORDINGLY IN THE GRID BELOW.

We	eather	Increased a lot	Increased a bit	Stayed the same	Decreased a bit	Decreased a lot	Don't know	Refused /No answer
a)	Rainfall	5	4	3	2	1	88	99
b)	Extreme weather events: Strong winds	5	4	3	2	1	88	99
c)	Extreme weather events: Floods	5	4	3	2	1	88	99
d)	Extreme weather events: Droughts	5	4	3	2	1	88	99
e)	Temperatures	5	4	3	2	1	88	99

QA3: ASK ALL What about the timing of the seasons. Has it changed a lot, a bit, or stayed the same?

	Changed a lot	Changed a bit	Stayed the same	Changed a bit	Decreas ed a lot	Don't know	Refused /No answer
Timing of seasons	5	4	3	2	1	88	99

**QA4**: **ASK ALL** Over/throughout the last 10 years, do you think the following have increased, stayed the same, decreased?

	Increased a	Increase	Ctayod	Docross	Decreas	Don't	Refuse
	Increased a	Increase	Stayed	Decreas			Refuse
	lot	d a bit	the	ed a bit	ed a lot	know	a a
			same				/No
							answer
a)Availability of water (for	5	4	3	2	1	88	99
daily consumption/activity)							
b)Prices of food	5	4	3	2	1	88	99
c) Agricultural productivity –	5	4	3	2	1	88	99
Ability for land to grow							
vegetables/crops							
d)Availability of grazing land	5	4	3	2	1	88	99
for cattle							
e) Diseases affecting humans	5	4	3	2	1	88	99
f) Diseases affecting cattle	5	4	3	2	1	88	99
g) Diseases affecting crops							
h) Migration of people	5	4	3	2	1	88	99
i) Availability of markets to	5	4	3	2	1	88	99
sell produce							
j)Availability of electricity	5	4	3	2	1	88	99
k)Availability/prices of fuel							
(for cooking/cars/other)							

**QA5 ASK ALL** Overall, please tell me how you feel about the issues we have been discussing (i.e. social and environmental issues like agricultural productivity, drought, and changes in weather). For example, are you very worried, quite worried, not very worried, not at all worried etc.

# FOR EACH READ OUT SCALE LINKED TO EACH EMOTION (SHOWCARD FOR SCALE) (SINGLE CODE FOR EACH) PLEASE NOTE THE NEUTRAL COLUMN IS AT THE END OF THIS SCALE.

	Very	Quite	Not very	Not at all	Neither/ Nor	Don't know	Refused/ No answer
Worried	5	4	2	1	3	88	99

Thank you. Now we will discuss some of the impacts that the changes and issues you have mentioned have on everyday life.

INTERVIEWER: PLEASE NOTE THE NEXT SET OF QUESTIONS RELATE TO OVERALL FEELINGS OF THE COMBINED ENVIRONMENTAL AND SOCIAL ISSUES DISCUSSED, NOT INDIVIDUAL ISSUES.

#### **QA6 ASK ALL**

Overall, how much of an impact do you feel these issues (i.e. social and environmental issues like agricultural productivity, drought, and changes in weather).

The scale is 1 to 10 where 1 = no impact and 10 is a very high impact.

## a) Have on your life at present? (SHOW CARD FOR SCALE) (SINGLE CODE)

QA6a	1	2	3	4	5	6	7	8	9	10	DK
------	---	---	---	---	---	---	---	---	---	----	----

And how much of an impact do you feel these issues (i.e. the weather and other social/environmental issues like drought, floods and agricultural productivity.

# b) can have on your life in the future? (SHOW CARD FOR SCALE) (SINGLE CODE)

,		,			•			, .		•	
QA6b	1	2	3	4	5	6	7	8	9	10	DK

QA7 ASK ALL In your opinion, overall, how have these issues (i.e. social and environmental issues like agricultural productivity, drought, and changes in weather) affected/influenced your ability to [READ EACH OPTION BELOW, ONE BY ONE]? IF IT HAS IMPACTED ABILITY ASK IF IT HAS IMPACTED IT VERY MUCH OR QUITE A LOT ETC.

#### SINGLE CODE FOR EACH

	A lot	A little	Not very Much	Not at all	Neithe r/Nor	Don'	Refused /No answer <sup>1</sup>
a)Having enough food to eat	5	4	2	1	3	88	99
b) Keep healthy	5	4	2	1	3	88	99
c) Do your job/work	5	4	2	1	3	88	99
d) Earn money	5	4	2	1	3	88	99
f) <b>ASK</b> : Other? – Please specify	5	4	2	1	3		

QA7_OTHER ASK ONLY IF ANSWERED	<b>OTHER</b>	<b>' IN QA7</b> . P	lease write ver	batim
--------------------------------	--------------	---------------------	-----------------	-------

QA8 ASK ALL In your opinion, overall, how able to cope/deal with these issues (i.e. social and environmental issues like agricultural productivity, drought, and changes in weather) do you feel?.

Can cope/deal Very well	5
Can cope/deal Quite well	4
Can Not cope/deal Not very well	2
Can Not cope/deal Not at all	1
Neither well nor not well	3
Don't know	88
Refused/No answer	99

#### 2. RESPONDING TO ISSUES

# Knowledge on how to respond

In the next part of the interview, I am going to ask you what people can do to respond to some of the social and environmental issues we have been discussing.

QR1 ASK ALL What can people do to deal with lack of available (clean) water?

# **DO NOT READ OUT. CODE ALL THAT APPLY (MULTIPLE CODE)**

	Mentioned	Not mentioned
a) Storing/saving water (e.g. collecting rainwater)	1	2
b) Recycling water/re-using waste water	1	2
c) Making water safe to drink (e.g. boiling, strain through cloth, use water filter)	1	2
d)Finding a new water supply (e.g. digging wells, installing hand pumps, tube wells)	1	2
e) Sterilise/clean with chemicals	1	2
f) Buy bottled water from a seller	1	2
g) Sharing water with others in the community	1	2
h) Reduce water wastage	1	2
i) Ask local government to build infrastructure (e.g. water pipes, community water storage)	1	2
j) Other		
Don't know	88	
Refused/No answer	99	

#### QR1\_Other. ASK IF MENTIONED A RESPONSE UNDER 'OTHER' Please write verbatim

We have also discussed changes in agricultural productivity, and the availability of food.

QR2 ASK ALL What can people do to cope/deal with changes in food availability/food prices?

# **DO NOT READ OUT. (MULTIPLE CODE)**

	Mentioned	Not mentioned
a) Keep food for longer	1	2
b) Chang diet (e.g. using less expensive ingredients)	1	2
c) Reduce food waste (e.g. the amount of food I throw out)	1	2
d) Rotate crops (e.g. changing fields that crops are grown in)	1	2
e) Use new farming methods or technologies to improve soil	1	2
fertility (e.g. mixing the soil with fertilizer)		
f) Grow different types of crops/livestock	1	2
g) Finding out about crop/livestock prices	1	2
h) Use pesticides	1	2
i) Use only organic manure	1	2

k)Ask local government to build infrastructure (e.g. roads to	1	2
access markets)		
j) Learn a new skill or trade	1	2
Other, please state	1	2
Don't know	88	
Refused/No answer	99	

QR2\_Other. ASK IF MENTIONED A RESPONSE UNDER 'OTHER' Please write verbatim

		_

QR2B. ASK ALL Overall, what can people do to be better able to cope/deal with the impacts of the social and environmental issues we have discussed?

# **DO NOT READ OUT. (MULTIPLE CODE)**

		Mentioned	Not mentioned
Moving	/migrating		
a)	Migrate	1	2
b)	Go away from home for periods of year to earn money	1	2
c)	Travel further in a daily basis to find work	1	2
Changes on job or crops			
d)	Change job	1	2
e)	Grow alternative crops	1	2
f)	Change type of livestock/cattle		
g)	Supplement income in other ways (ie. starting a new business activity)	1	2
h)	Reduce the number of people I employ; or take on more of the work myself	1	2
i)	Learn a new skill	1	2
Improve	ed current livelihood / others		
j)	Used different agricultural methods or technology	1	2
k)	Work together as a community (for example to share resources or build infrastructure)	1	2
I)	Save or borrow money or goods (includes bank loans)	1	2
m)	Make a demand to the local government to improve a service or support people like me	1	2
n)	Use alternative fuels	1	2
0)	Found alternative water supplies (ie. dig well, installed irrigation system, etc)	1	2
p)	Stored water or food	1	2
q)	Other, please state:	1	2
	Don't know	88	
	No answer/Refused	99	

QR2C. ASK ALL (UNLESS THEY HAVE ANSWERED 'DON'T KNOW IN QR2B) Where have you learnt about some of the actions you have just mentioned to deal with these issues we have been discussing?

**DO NOT READ OUT. MULTIPLE ANSWER POSSIBLE** 

	Mentioned	Not mentioned
a) From family	1	2
b) From neighbours	1	2
c) From the media	1	2
d) From agricultural extension workers or	1	2
vets		
e)From an organisation / association	1	2
f)From school/college	1	2
g) It's something that everyone else is doing	1	2
h)From the local government	1	2
i)From local leaders (village chief, traditional	1	2
leader)		
j) From religious leaders	1	2
Other	1	2
Don't know	88	
Refused to answer	9	99

#### (ROUTING)

QR2C\_1 – IF ANSWERED 'FROM THE MEDIA' UNDER QR2C 'What programme or station in the media was it?

**DO NOT READ OUT. MULTIPLE ANSWER POSSIBLE.** 

	Mentioned	Not mentioned
Nyakati Zinabadilika	1	2
Ulanga FM	1	2
Dodoma FM	1	2
Abood FM	1	2
Haba na Haba	1	2
Can't remember	1	2
Other. Please specify	1	2

# QR2C\_1\_OTHER ASK IF ANSWERED 'OTHER' UNDER QR2C Please write verbatim:

- 1				
- 1				
- 1				
- 1				
- 1				
- 1				

#### (ASK ALL)

Actions taken

#### **LIVELIHOODS AND LIFESTYLES**

**QR3 ASK ALL** Have you, or your family, made changes to your current **livelihood** /job or in your life to help deal with issues we have been discussing? (i.e. social and environmental issues like agricultural productivity, drought, and changes in weather)

# **DO NOT READ OUT. SINGLE CODE**

Yes, a lot of changes	3	GO TO QR4
Yes, some changes	2	GO TO QR4
No	1	GO TO QR6
Don't know	88	GO TO QR6
No answer/refused	99	GO TO QR6

IF YES, A LOT OF CHANGES OR YES SOME CHANGES, ASK QR4 IF NO, SKIP TO QR6.

**QR4 ASK IF ANSWERED 'YES, A LOT OF CHANGES' OR 'YES, SOME CHANGES' UNDER QR3.** What changes have you made?

#### **DO NOT READ OUT. MULTIPLE ANSWER POSSIBLE**

		Mentioned	Not mentioned
Moving	/migrating		
a)	Migrate	1	2
b)	Go away from home for periods of year to earn money	1	2
c)	Travel further in a daily basis to find work	1	2
Change	s on job or crops		
d)	Change job	1	2
e)	Grow alternative crops	1	2
f)	Change type of livestock/cattle		
g)	Supplement income in other ways (ie. starting a new business activity)	1	2
h)	Reduce the number of people I employ; or take on more of the work myself	1	2
i)	Learn a new skill	1	2
Improve	ed current livelihood / others		
j)	Used different agricultural methods or technology	1	2
k)	Work together as a community	1	2
l)	Save or borrow money or goods (includes bank loans)	1	2
m)	Make a demand to the local government to improve a service or	1	2

	support people like me		
n)	Use alternative fuels	1	2
0)	Found alternative water supplies (ie. dig well, installed irrigation system, etc)	1	2
p)	Stored water or food	1	2
q)	Other, please state:	1	2
	Don't know	88	
	No answer/Refused	99	

# QR4\_Other ASK IF ANSWERED 'OTHER' UNDER QR4 Please write verbatim

QR5. IF ANSWERED YES TO QR3 (2,3) You have said you have taken some actions to better	
cope/deal with the social and environmental issues we have been discussing. What motivated you	to

# DO NOT READ OUT. MULTIPLE ANSWER POSSIBLE.

make these changes?

	Mentioned	Not mentioned
a) I wanted to save money	1	2
b) I needed to do something to maintain my lifestyle/ way of living	1	2
c) I was inspired by some friend/neighbours	1	2
c) I was inspired/educated by the media (learnt it from the media)	1	2
d) I was inspired/educated by an organisation/association	1	2
e) I fear my health will suffer if I don't take action	1	2
f) I fear for my children's future if I don't take action	1	2
h) It's something that everyone else is doing	1	2
i) I need to survive	1	2
Don't know	88	
Refused to answer		99

# QR5\_b – IF ANSWERED 'I WAS INSPIRED/EDUCATED BY THE MEDIA' ASK 'What programme or station in the media was it?

#### DO NOT READ OUT. MULTIPLE ANSWER POSSIBLE.

	Mentioned	Not mentioned
Nyakati Zinabadilika	1	2
Ulanga FM	1	2
Dodoma FM	1	2
Abood FM	1	2
Haba na Haba	1	2
Can't remember	1	2
Other. Please specify	1	2

QILD D OTTIEN ASK II ANSWERED OTTIEN ONDER QUECTICASC WINCE VEIDAL	SK IF ANSWERED 'OTHER' UNDER QR2C Please write verbatim:
--	--

#### (ASK ALL) Willingness to respond

**QR6 ASK ALL** In general, how willing are you to make changes to help cope /deal with issues we have been discussing (i.e. social and -environmental issues like agricultural productivity, drought, and changes in weather)? **SHOWCARD. (SINGLE CODE)** 

Very willing	5	Go to QR7
Quite willing	4	Go to QR7
Not very willing	2	Go to QR8
Not at all willing	1	Go to QR8
Neither/Nor	3	Go to QR8
Don't know	88	Go to QR8

IF ANSWERED 'VERY' OR 'QUITE' GO TO QR8.
IF ANSWERED 'NOT VERY/NOT AT ALL/NEITHER/NOR/DON'T KNOW' SKIP TO QR9

# **QR7 ASK IF ANSWERED 'VERY' OR 'QUITE' UNDER QR7** When do you intend/plan to make future changes?

This Year	1
Next Year	2
Next five years	3
Never	4
Don't know	88
Refused/No answer	99

# QR8. ASK IF ANSWERED 'VERY' OR 'QUITE' UNDER QR7

A. What type of changes do you intend to make?

# **DO NOT READ OUT. SINGLE CODE**

		Mentioned	Not
			mentioned
Moving	/migrating		
a)	Migrate	1	2
b)	Go away from home for periods of year to earn money	1	2
c)	Travel further in a daily basis to find work	1	2
Change	s on job or crops		
d)	Change job	1	2
e)	Grow alternative crops	1	2
f)	Change type of livestock/cattle		
g)	Supplement income in other ways (ie. starting a new business activity)	1	2
h)	Reduce the number of people I employ; or take on more of the work myself	1	2
i)	Learn a new skill	1	2
Improve	ed current livelihood / others		
j)	Used different agricultural methods or technology	1	2
k)	Work together as a community (for example to share resources or build infrastructure)	1	2
I)	Save or borrow money or goods (includes bank loans)	1	2
m)	Make a demand to the local government to improve a service or support people like me	1	2
n)	Use alternative fuels	1	2
o)	Found alternative water supplies (ie. dig well, installed irrigation system, etc)	1	2
p)	Stored water or food	1	2
q)	Other, please state:	1	2
	Don't know	88	
	No answer/Refused	99	

# QR8\_A\_Other. ASK IF ANSWERED 'OTHER' IN QR9\_A Please write verbatim

Now I am going to read out a general list of actions people can take to help them cope/deal with cope/deal with issues we have been discussing.

**QR9 ASK ALL** Which of these actions are you currently doing? Or have already done?

# **READ OUT (SINGLE CODE)**

		doing	Already done	N/A
Moving/migrating				
a) Migrate	1	2	3	99
b) Go away from home for periods of year to earn money	1	2	3	99
c) Travel further in a daily basis to find work	1	2	3	99
Changes on job or crops				
d) Change job	1	2	3	99
e) Grow alternative crops	1	2	3	99
f) Change type of livestock/cattle	1	2	3	99
g) Supplement income in other ways (ie. starting a new business activity)	1	2	3	99
h) Reduce the number of people I employ; or take on more of the work myself	1	2	3	99
i) Learn a new skill	1	2	3	99
Improved current livelihood / others				
j) Used different agricultural methods or technology	1	2	3	99
k) Work together as a community (for example to share resources or improve infrastructure)	1	2	3	99
Save or borrow money or goods (includes bank loans)	1	2	3	99
m) Make a demand to the local government to improve a service or support people like me	1	2	3	99
n) Use alternative fuels	1	2	3	99
installed irrigation system, etc)	1	2	3	99
p) Stored water or food	1	2	3	99

#### 3. DISASTER PREPAREDNESS

In the next part of the interview, we will discuss how people prepare for disasters<sup>2</sup> such as floods and strong winds.

QH1 **ASK ALL** How at risk do you feel your local area is of experiencing disasters such as floods and strong winds? Where 1 your local area is at no risk and 10 your local area is at high risk? **SHOWCARD FOR SCALE (SINGLE CODE)** 

1	2	3	4	5	6	7	8	9	10	DK

QH2 **ASK ALL** If floods and strong winds were to happen in your local area, how prepared do you think you would be? Prepared or not prepared? **SHOWCARD FOR SCALE (SINGLE CODE)** 

Prepared		Not prepared		
Very	Quite	Not very	Not at all	

Very prepared	5
Quite prepared	4
Not very prepared	2
Not at all prepared	1
Neither/Nor	3
Don't know	88
Refused/No answer	99

QH3 ASK ALL How can people prepare/get ready for disasters like floods and strong winds?

MARK MULTIPLE. DO NOT READ OUT

	Mentioned	Not mentioned
a) Make permanent adjustments to my home <e.g. insert="" project="" specific<sup="">3; &gt;</e.g.>	1	2
b) Make temporary adjustments to my home <e.g. insert="" project="" specific="">4</e.g.>	1	2
c) Have disaster preparedness plan (for family or local area)	1	2
d) Learn a skill <e.g. insert="" project="" specific=""> 5</e.g.>	1	2
e) Sign up for early warning alerts	1	2
f) Listen to weather forecasts	1	2
g) Store food	1	2

<sup>&</sup>lt;sup>2</sup>synonyms: Hazard/extreme and harmful event (A&P 2013)

 $<sup>^{\</sup>rm 3}$  E.g. Flooding: using stilts to raise the home. E.g. Earthquake: Follow building codes.

<sup>&</sup>lt;sup>4</sup> E.g. Flooding: using sandbags to prevent flooding E.g. earthquake: Fix furniture to the walls.

<sup>&</sup>lt;sup>5</sup> i.e. flooding areas, learn to swim. General: Learn first aid

h) Save money	1	2
i)Take actions to make sure people can get easily to a place of safety (e.g. repair routes to shelters, make shelters safer)	1	2
j) Join a local/village/community disaster committee	1	2
k) Take out insurance in case of a disaster	1	2
I) Ask local government to support the community with the right infrastructure	1	2
m) <insert project="" specific=""></insert>	1	2
ASK: OTHER? PLEASE SPECIFY	1	2

# **ACTUAL AND INTENDED ACTIONS: Disaster Preparedness**

Now I am going to read out a list of actions people can take to help them prepare/get ready for disasters like floods and strong winds? **READ OUT** 

QH4a **ASK ALL** Which of these actions are you currently doing or have already done? **READ OUT** (SINGLE CODE)

	Doing	Not doing	Already done
a) Make permanent adjustments to my home (for example, using stilts to raise my home)	1	2	3
b) Make temporary adjustments to my home (for example, using sandbags to prevent flooding)	1	2	3
c) Have disaster preparedness plan (for family or local area)	1	2	3
d) Learn a skill (for example, learning how to swim or first aid)	1	2	3
e) Sign up for early warning alerts	1	2	3
f) Listen to weather forecasts	1	2	3
g) Store food	1	2	3
h) Save money	1	2	3
i)Take actions to make sure people can get easily to a place of safety (e.g. repair routes to shelters, make shelters safer)	1	2	3
j) Join a local/village/community disaster committee	1	2	3
k) Take out insurance in case of a disaster	1	2	3
I) Ask local government to support the community with the right infrastructure	1	2	3

#### 4. BARRIERS AND MOTIVATORS TO RESPONSE

**QB1 ASK ALL** We have been discussing many social and environmental issues today like agricultural productivity, changes in seasons, drought or extreme weather such as floods. We have discussed some ways that people can respond/take action. I am now going to read some statements. They are reasons why some people do not respond/take action.

For each statement I read out, please say whether you agree or disagree with it as a reason for why you did not respond or take some action:

# (SHOWCARD FOR SCALE)SINGLE CODE FOR EACH)

Agr	ee	Dis	agree	
Strongly	Slightly	Slightly Strongly		
5	4	2	1	

	Strongly agree	Agree	Disagre e	Strongly  d i s a g r e e	Neithe nor	Don't know	Refused/ No answer
a) Taking action/responding will not make any difference	5	4	2	1	3	88	99
b) I lack knowledge/information about how to respond/ take action	5	4	2	1	3	88	99
c) I have limited resources (money and equipment) to respond/take action	5	4	2	1	3	88	99
e) It is not a problem for me	5	4	2	1	3	88	99
f) No one I know is responding/taking action e.g. people in local area, friends/relatives	5	4	2	1	3	88	99
g) My family wouldn't approve if I responded/took action	5	4	2	1	3	88	99
h) It is not my responsibility to respond/take action	5	4	2	1	3	88	99
i) I have other priorities j) I need support from the Government to respond/take action	5	4	2	1	3	88	99
k) I need support from NGOs/groups	5	4	2	1	3	88	99
I) It does not fit with my religion	5	4	2	1	3	88	99

or beliefs							
m)My community does not collaborate/work together	5	4	2	1	3	88	99
n)Taking action would be too much of a risk	5	4	2	1	3	88	99

**QB2 ASK ALL.** Some people have given reasons for why they *have* responded to these issues we have been discussing.

For each statement I read out, please say whether you agree or disagree with it as a reason for why you took some action or would do in the future

# (READ OUT) SHOWCARD FOR SCALE (SINGLE CODE FOR EACH)

Ag	ree	Disagree			
Strongly	Slightly	Slightly	Strongly		
5	4	2	1		

	Strongly agree	Slightly agree	Slightly	Strongly disagree	Neither agree /Nor disagree	Don	Refuse
	agree		disagree	disagree	/Nor disagree		/No answer
a) I need to save money	5	4	2	1	3	88	99
b) I need to do something to maintain my lifestyle/ way of living	5	4	2	1	3	88	99
c) I have been inspired by some friend/neighbours	5	4	2	1	3	88	99
d) I have been inspired/educated by the media on how to take action	5	4	2	1	3	88	99
e) I have been inspired/educated by an organisation/association on how to take action	5	4	2	1	3	88	99
f) I fear my health will suffer if I don't take action	5	4	2	1	3	88	99
g) I fear for my children's future if I don't take action	5	4	2	1	3	88	99
h) It's something that everyone else is doing	5	4	2	1	3	88	99
i) I need to survive	5	4	2	1	3	88	99

#### 5. INSTITUTIONAL RESPONSE/ ACCOUNTABILITY

QI1 ASK ALL How confident do you feel that each of the following institutions are taking the necessary actions to help respond to the issues discussed today (availability of food/water/<INSERT REGIONAL EXTREME WEATHER EXAMPLE(S) OR DISASTER EXAMPLE> Are you confident or not confident? (READ OUT, SHOWCARD FOR SCALE) (SINGLE CODE FOR EACH)

Conf	ident	Not confident			
Very	Quite	Not very	Not at all		
5	4	2	1		

	Very	Quite	Not very	Not at all	Neither	Don't	Refused
					/	know	/No
					Nor		answer
a) National Government	5	4	2	1	3	88	99
c) Local Government –	5	4	2	1	3	88	99
District council or Municipal							
council							
d) NGO's/other organisations	5	4	2	1	3	88	99
e) My local community	5	4	2	1	3	88	99
f) Radio stations in my area	5	4	2	1	3	88	99
g)The media in general	5	4	2	1	3	88	99
h) Businesses and industry	5	4	2	1	3	88	99
i) Religious institutions in my							
area (ie. church, mosque)							

**QI2 ASK ALL** Thinking about the social and environmental issues discussed today, for each statement I read out, please indicate whether you agree or disagree with the following statements? Please say whether you strongly agree, slightly agree, slightly disagree or strongly disagree.

# (READ OUT) SHOWCARD FOR SCALE (SINGLE CODE FOR EACH)

Agr	ee	Disagree			
Strongly	Slightly	Slightly Strongly			
5	4	2	1		

# (READ OUT, SHOWCARD FOR SCALE) (SINGLE CODE FOR EACH)

	Strongly	Slightl			Neith	Don't	Refuse
	agree	,	Slightly	S			d
			disagree	t			/
		agree		r			N
				0			C
				n			
				g			а
				1			n
				У			S
				4			V
				d :			5
				'			'
				s a			
				g r			
				e			
				e			
a) My local area/neighbourhood	5	4	2	1	3	88	99
works together to solve							
problems discussed today							
that we are facing							
b) I feel involved in decision making in	5	4	2	1	3	88	99
my local area on the issues							
discussed today							
c) The local government in my district	5	4	2	1	3	88	99
regularly listens to people like							
me on issues discussed today							
d) The local government in my district	5	4	2	1	3	88	99
makes decisions which help							
my local area/neighbourhood							
on these issues discussed							
today							

# QII3. Are you aware of any government service available to support you to respond to the issues we have been discussing today?

Yes	1	ASK 14
No	2	GO TO 16
Refused to answer	99	

QI46. ASK ALL I'm going to list a number of ways in which people can take action to find solutions or to demand government to better respond to the issues discussed today. Please tell me whether you have done any of these things in the past year?

#### **READ OUT EACH ACTION**

# IF RESPONSE IS 'HAVE DONE' PLEASE PROBE:

# Have you done this several times or just once?

QI6			done	Not	Don't	Ref-
READ	ОUТ	Several times Once		done	know	used
QI6a	Attended a town hall or village meeting	3	2	1	88	99
QI6b	Participated in an organised effort to solve a neighbourhood or community problem	3	2	1	88	99
Q	Attended a meeting of the local town council or with other government officials	3	2	1	88	99
QI6d	Contacted a local official, like a local district commissioner or village official who works for a government agency	3	2	1	88	99
QI6e	Lodged a complaint with a government body or a civil society organization	3	2	1	88	99
QI6g	Taken part in a protest, march, or demonstration	3	2	1	88	99
QI6h	Contacted a local chief or traditional leader about an issue	3	2	1	88	99
QI6i	Signed a petition	3	2	1	88	99
QI6j	Donated money or become a member of a local group	3	2	1	88	99
QI6k	Contacted the media to ask a question to a government official	3	2	1	88	99

# QI7 ASKIF ANSWERED '3' OR '2' UNDER ANY OF GI6 Did your action result into any positive change?

Yes	No	Don't know	Refused to answer
1	2	88	99

#### 6. EFFICACY

**QE1 ASK ALL** I am now going to read some statements about people's attitudes. Thinking about people in your local area/community, please say if you agree or disagree with the statements. Please say whether you strongly agree, slightly agree, slightly disagree or strongly disagree.

#### **READ OUT EACH OPTION**

	Str	Slig			Neith	Do	Refu
	ong	htly	Slig	Stron	er	n't	sed/
	ly	agr	htly	gly	agre	kno	No
	agr	ee	dis	disag	e or	W	answ
	ee		agr	ree	disag		er
			ee		ree		
a)I believe that my community is able/has the capability to	5	4	2	1	3	88	99
manage unexpected problems							
b) My community is able to solve problems if we invest the	5	4	2	1	3	88	99
necessary effort							
	5	4	2	1	3	88	99
c) I believe I can change/influence the things that happen in							
my life							
d) It is my responsibility to demand responses from the local	5	4	2	1	3	88	99
government to help my community on some of the issues we							
have discussed today.							

#### 7. COMMUNICATION OF ISSUES

**QJ1 ASK ALL** How well informed do you feel about the things you could do to cope with the social and environmental issues discussed today such as agricultural productivity, drought or changes in weather? **(SINGLE CODE) SHOWCARD FOR SCALE** 

Very well informed	5
Fairly well informed	4
Not very well informed	2
Not at all informed	1
Neither/Nor	3
Don't know	88
Refused/No answer	99

**QJ2. ASK ALL** Sometimes NGOs/groups provide information social and environmental issues like the ones we discussed today.

Are you aware of any Non-Government Organisations (NGOs)/ groups like this in your area?

Yes	1
No	2
Refused/No answer	99

# **QJ3 ASK ALL** How informed do you feel about the services from these Non-Government Organisations/groups?

Very well informed	5
Fairly well informed	4
Not very well informed	2
Not at all informed	1
Neither/Nor	3
Don't know	88
Refused/No answer	99

**QJ4 ASK ALL** How often do you talk to others in your local area about taking actions to cope /deal with social and environmental issues discussed today **SINGLE CODE** 

Very often	5
Quite often	4
Not very often	2
Never	1
Neither/Nor	3
Don't know	88
Refused/No answer	99

**QJ5 ASK ALL** Who do you currently talk to for advice or information about issues discussed today? **READ OUT, MULTIPLE CODE** 

		QJ5	
		Mentioned	Not mentioned
a)	Family/friends	1	2
b)	People in your local area	1	2
c)	Local influencers/ elders	1	2
d)	Community leader	1	2
e)	People you work with	1	2
f)	Journalists at local radio station	1	2
g)	Government officials	1	2
h)	Religious leaders	1	2
i)	Agricultural extension workers	1	2

j) Health workers	1	2
k) Staff at NGOs	1	2
Local organisations/cooperative	1	2
m) Teachers	1	2
n) Academic/ scientific experts	1	2
o) Other, please specify	1	2
p) I don't talk to anyone or get any information on these issues	1	2
Don't know	88	
Refused/No answer	99	

QJ5\_Other IF MENTIONED ANSWER UNDER 'OTHER' IN QJ5 Please write verbatim

# 8. MEDIA CONSUMPTION

**QMC1a ASK ALL** What is your main sources of information in the media for social and environmental issues discussed today?

#### **SINGLE CODE**

		QMC1a
		Source
a)	Television	1
b)	Radio	2
c)	Newspaper/magazine	3
d)	Internet (e.g. social media sites) <del>3</del>	4
e)	Mobile phone (e.g. news service)	5
f)	Cinema/theatre (including street plays)	6
g)	Other	7
Do	n't know	88
Ref	fused	99

QMC1a\_OTHER IF ANSWERED 'OTHER' UNDER QMC1a, write verbatim

**QMC1b ASK ALL** And how much do you **trust** this source of information you have mentioned as general source of information **on issues discussed today?** Very, quite, not very much or not at all? **SHOWCARD FOR SCALE** 

	Very	A bit	Neither/nor	Not much	Not at all	Don't	Refused
						know	to answer
Media source	5	4	3	2	1	88	99
mentioned in							
QMC1a							

MC2 ASK ALL Which of the following items can you access or use in your house? READ OUT EACH ITEM. SINGLE CODE ONLY FOR EACH ITEM

FOR ANY NOT ACCESSED IN HOUSE (CODE 2 AT MC2), ASK MC3

DK = Do not know REF = refused

MC3 ASK IF ANSWERED NO TO MC2 Can you access this in any other place? READ OUT ITEM. SINGLE CODE ONLY

		MC2				MC3			
		Yes	No	DK	REF	Yes	No	DK	REF
Α	Programmes in TV set	1	2	88	99	1	2	88	99
В	Satellite dish for TV	1	2	88	99	1	2	88	99
С	Radio set	1	2	88	99	1	2	88	99
D	Radio on mobile	1	2	88	99	1	2	88	99
Е	Mobile Phone / Cell	1	2	88	99	1	2	88	99
G	Internet in mobile phone	1	2	88	99	1	2	88	99
Н	Internet in computer or tablet	1	2	88	99	1	2	88	99
1	Newspaper	1	2	88	99	1	2	88	99

MC4 When is the last time you accessed the following? **READ OUT MEDIA TYPES. SINGLE CODE FOR EACH.** 

	Media Type	Today or yesterday	Not yesterday but within the last 7 days	More than a week ago, but in this month	Longer than a month ago but within the last 3	Longer than 3 months ago but within the last	Longer than 12 months ago	Never	Do not know	Refused
Α	Programmes in TV set	1	2	3	4	5	6	7	88	99
В	Radio set	1	2	3	4	5	6	7	88	99
С	Radio on mobile phone	1	2	3	4	5	6	7	88	99
D	Mobile Phone	1	2	3	4	5	6	7	88	99
Ε	Internet in mobile	1	2	3	4	5	6	7	88	99
F	Internet in computer or tablet									
G	Newspapers/magazines	1	2	3	4	5	6	7	88	99

MC6 ASK ALL I'm going to read you a list of some radio channels available in your area, can you tell me which of these you have listened to in the past 12 months?

	MC6	
	Yes	No
a. Ulanga FM	1	2
b. Abood FM	1	2
c. Dodoma FM	1	2
d. Ebony FM	1	2
e. Uhuru FM	1	2
f. Radio Free Africa (RFA)	1	2
g. Times FM	1	2
h. TBC Radio	1	2
i. TBC TAIFA	1	2
j. TBC International	1	2
k. Radio One	1	2

I. Clouds Radio	1	2
Other	1	2
DK	88	
REF	99	

MC7 ASK ALL Could you tell me when is the last time you listened to these radio stations?

	Within the last week	Within the last month	Within the last 3 months	Within the last year	Over a year ago	Never listened to it	I can't remember the last time I listened	Refused
a. Ulanga FM	1	2	3	4	5	6	88	99
b. Abood FM	1	2	3	4	5	6	88	99
c. Dodoma FM	1	2	3	4	5	6	88	99
d. Radio Free Africa (RFA)	1	2	3	4	5	6	88	99
DK						,	88	
REF							99	

# 9. REACH AND IMPACT

**EX1.** ASK ALL Are you aware of any programmes on the media that cover issues that we have discussed today?

Υ	es	1
N	0	2

# **EX2.** ASK IF ANSWERED YES IN EX1. Could you tell me the name of the programme?

# **SPONTANEOUS RECALL: DO NOT READ OUT**

	Mentioned	Not mentioned
Nyakati Zinabadilika	1	2
Haba na Haba	1	2
Other	1	2

# **EX2\_OTHER. IF ANSWERED 'OTHER' UNDER EX2** Please write verbatim

#### EX3. ASK ALL Are you aware of ...?

		Yes	No	Don't Know	Refused
а	Nyakati	1	2	88	99
	Zinabadilik				
	a				
b	Haba na Haba	1	2	88	99

# EX4 ASK <u>ALL</u>, EVEN IF THEY SAID THEY ARE NOT AWARE [PLAY RADIO PROMPTS] Have you ever listened to .... on the radio?

		Yes	No	Don't	Refused
				know	
а	Nyakati Zinabadilika	1	2	88	99
b	Haba na Haba	1	2	88	99

# [CONTINUE WITH EX5 IF ANSWERED 'Yes (1)' in EX4]

# EX5 ASK IF ANSWERED YES (1) TO EX4 Where did you first find out about......? SINGLE CODE FOR EACH. DO NOT READ OUT.

	a. Nyakati Zinabadilika	<b>b.</b> Haba na Haba
While listening to	1	1
the radio		
Someone told me	2	2
about it		
I saw it advertised	<u>3</u>	<u>3</u>
Found out through	4	<u>4</u>
Facebook		
Other	<u>5</u>	<u>5</u>

# EX6 ASK IF ANSWERED YES (1) TO EX4 When did you last listen to ....?

READ OUT PROGRAMME AND CODE RESPONSE. SINGLE CODE ONLY.

Within the Within the Within the Cover a year
---

a. Nyakati Zinabadilika	1	2	3	4	5	88	99
b. Haba na Haba	1	2	3	4	5	88	99

#### Nyakati Zinabadilika listeners

#### ASK IF ANSWERED YES TO EX4\_A

EX7\_NY ASK IF ANSWERED YES TO EX4\_A In what station do you listen to Nyakati Zinabadilika?:

	Yes	No
a. Abood FM	1	2
b. Dodoma FM	1	2
c. Ulanga FM	1	2

**LG1\_NY**. **ASK IF ANSWERED YES TO EX4\_A** The programme Nyakati Zinabadilika has covered topics related to how to deal with the climate-related issues we have discussed today. These include new farming techniques, alternative crops, alternative skills and businesses, access to village community banks, how to join or establish groups for collective action, topics on livestock and access to markets among many others.

Overall, would you say the programme has improved your knowledge and understanding on these issues a lot, a bit, not very much or not at all?

	LG1_NY
A lot	5
A bit	4
Not very much	2
Not at all	1
Neither/nor	3
Don't know	88
Refused	99

**LG2\_NY. ASK IF ANSWERED YES TO EX4\_A** Do you think that the programme has improved your ability to respond to these issues? How much, a lot, a bit, not much or not at all?

	LG2_NY
A lot	5
A bit	4
Not much	2
Not at all	1
Neither/nor	3
Don't know	88
Refused	99

**LG3\_NY**. **ASK IF ANSWERED YES TO EX4\_A** Have you taken any action as a result of listening to the programme?

	LG3_NY
Yes, many	1

Yes, some	2
No	3
Don't know	88
Refused	99

LG4\_NY ASK IF ANSWERED 1 OR 2 UNDER LG3\_NY What actions have you taken? DO NOT READ OUT.

A. TO INTERVIEWER: PLEASE CODE VERBATIM SPECIFIC ACTION/S TAKEN AND ALSO CODE IN THE RELEVANT CATEGORY

# **B.** TO INTERVIEWER: PLEASE CODE THE CATEGORY THAT IS RELEVANT TO THE ACTION WRITTEN ABOVE

	Mentioned	Not mentioned
a.Adopting new farming technique	1	2
b.Planting a new type of crop	1	2
c.Diversifying livelihood with other	1	2
entrepreneurship/business		
d.Learning a new skill	1	2
e.Adopt new marketing techniques	1	2
<u>f.</u> Joined or established a collective/group	1	2
g.Take action to find source of water (for example dig a	1	2
well, or installed irrigation)		
h.Found alternative fuel	1	2
i.Sought help from an organisation or expert	1	2
j_Asked for a loan / borrowed money	1	2
kAsked a question to a decision maker or government	1	2
official to help my community		
Other	1	2

LG4\_NY\_RESULT. **ASK IF MENTIONED AN ACTION UNDER LG4\_NY** Has this action you took had a positive or negative result in your life?

	LG2_NY
Very positive	5
A bit positive	4
Not positive	2
Not at all positive	1
Neither/nor	3
Don't know	88
Refused	99

**LG5\_NY. ASK IF ANSWERED YES TO EX4\_A** Holding government to account means that the government is held responsible for their actions and provides a public explanation for what they do.

Do you agree or disagree that Nyakati Zinabadilika has contributed to holding government and decision makers to account for their actions related to the issues we have been discussing?

	LG4_NY
Very much agree	5
Agree	4
Not much	2
Not at all	1
Neither/nor	3
Don't know	88
Refused	99

**LG6\_NY. ASK IF ANSWERED YES TO EX4\_A** And do you agree or disagree that Nyakati Zinabadilika has helped YOU to be better at demanding answers from government and decision makers on their actions towards the issues we have been discussing?

	LG5_NY
Very much agree	5
Agree	4
Not much	2
Not at all	1
Neither/nor	3
Don't know	88
Refused	99

**LG7\_NY ASK IF ANSWERED YES TO EX4\_A** Have you ever discussed the issues covered by the programme with other people?

	LG6_NY
A lot	5
A bit	4
Not much	2
Not at all	1
Neither/nor	3
Don't know	88
Refused	99

LG8\_NY ASK IF ANSWERED YES TO EX4\_A Who have you been discussing these issues with?

	LG7_NY				
	Mentioned Not mentioned				
Family	1	2			
Friends	1	2			

Government officials	1	2
Community or village	1	2
leaders		
Members of	1	2
organisations, NGO,		
etc		
Religious leaders	1	2
Other	1	2
Don't know	88	
Refused	99	

LG9\_NY **ASK IF ANSWERED YES TO EX4\_A** Have you ever participated in the programme through phone calls, SMS, Facebook or by being interviewed?

		Yes	No	Refused
				to
				answer
1	SMS	1	2	99
2	Phone calls	1	2	99
3	I have been interviewed	1	2	99
4	In Facebook	1	2	99

LG10\_NY **ASK IF ANSWERED YES TO EX4\_A** I am going to read some statements. Could you tell me to what extent you agree or disagree?

	Very		Agree	Disagree	Don't	Neither	DK	Refused
		m			agree at	/nor		to
		u			а			answer
		С			II			
		h						
	agree							
A.The programme improved	5		4	2	1	3	88	99
my <b>confidence</b> in								
responding to the issues								
related to the environment								
and climate that we have								
discussed								
B. The programme helped	5		4	2	1	3	88	99
me develop new skills								
C.The programme enabled	5		4	2	1	3	88	99
discussion between								
government, organisations								
and communities on these								
issues								
D.The programme has	5		4	2	1	3	88	99
improved the way my								
community works together								
to solve some of these								

issues							
E.The programme has	5	4	2	1	3	88	99
taught me <b>new</b> ways of							
findings solutions to some							
of these problems							
F.The programme has	5	4	2	1	3	88	99
inspired me by showing							
how others are responding							
to similar issues							

#### Haba na Haba listeners

# **ASK IF ANSWERED YES TO EX4\_B**

**EX7\_HABA ASK IF ANSWERED YES TO EX4\_B** In what station do you listen to Haba na Haba?:

	Yes	No
a. Radio Free Africa	<u>1</u>	<u>2</u>
b. Dodoma FM	<u>1</u>	<u>2</u>
c. Other	<u>1</u>	<u>2</u>

EX7_HABA_OTHER ASK IF ANSWERED 'OTHER' UNDER EX7_HABA Please write verbatim				

**LGO\_HABA ASK IF ANSWERED YES TO EX4\_B** You said you have listened to the programme Haba na Haba before. Do you recall listening to any of these topics? Conflict between farmers and pastoralist communities, organic farming vs conventional farming, deforestation, disaster preparedness, Nane-Nane Day.

	Remembers listening to it	Does not remember
Conflict between farmers and	1	2
pastoralist communities		
Organic farming vs	1	2
conventional farming		
Deforestation	1	2
Disaster Preparedness	1	2
Nane-Nane Day	1	2

IF ANSWERED YES (1) TO ANY OF THE TOPICS LISTED UNDER LGO\_HABA CONTINUE. IF NOT, GO TO SECTION J.

**LG1\_HABA ASK IF ANSWERED YES TO EX4\_B** Would you say the programme has improved your knowledge and understanding on these issues a lot, a bit, not very much or not at all?

	LG1_HABA
A lot	5
A bit	4
Not very much	2
Not at all	1
Neither/nor	3
Don't know	88
Refused	99

**LG2\_HABA**. **ASK IF ANSWERED YES TO EX4\_B** Do you think that the programme has improved your ability to respond to these issues? How much, a lot, a bit, not much or not at all?

	LG2_HAB
	Α
A lot	5
A bit	4
Not much	2
Not at all	1
Neither/nor	3
Don't know	88
Refused	99

**LG3\_HABA. ASK IF ANSWERED YES TO EX4\_B** Have you taken any action as a result of listening to the programme?

	LG3_HAB
	Α
Yes, many	1
Yes, some	2
No	3
Don't know	88
Refused	99

LG3\_HABA\_B ASK IF ANSWERED 1 OR 2 UNDER LG3\_HABA What actions have you taken? DO NOT READ OUT.

A.	TO INTERVIEWER: PLEASE CODE VERBATIM SPECIFIC ACTION/S TAKEN AND ALSO
	CODE IN THE RELEVANT CATEGORY

**LG4\_HABA**. **ASK IF ANSWERED YES TO EX4\_B** Holding government to account means that the government is held responsible for their actions and provides a public explanation for what they do.

Do you agree or disagree that Haba na Haba has contributed to holding government and decision makers to account for their actions related to the issues we have been discussing?

	LG4_HAB
	Α
Very much agree	5
Agree	4
Not much	2
Not at all	1
Neither/nor	3
Don't know	88
Refused	99

**LG5\_HABA**. And do you agree or disagree that Haba na Haba has helped YOU to be better at demanding answers from government and decision makers on their actions towards the issues we have been discussing?

LG5 HAB
Α –
5
4
2
1
3
88
99

**LG6\_HABA ASK IF ANSWERED YES TO EX4\_B** Have you ever discussed the issues covered by the programme with other people?

	LG6 HA
	BA
A lot	5
A bit	4
Not much	2
Not at all	1
Neither/nor	3
Don't know	88
Refused	99

**LG7\_HABA ASK IF ANSWERED '5' OR '4' TOLG6\_HABA** Who have you been discussing these issues with?

	LG7_HABA	
	Mentioned Not mentioned	
Family	1	2

Friends	1	2
Government officials	1	2
Community or village	1	2
leaders		
Members of	1	2
organisations, NGO,		
etc		
Religious leaders	1	2
Don't know	88	
Refused	99	

**LG8\_HABA ASK IF ANSWERED YES TO EX4\_B** Have you ever participated in the programme through phone calls, SMS, Facebook or by being interviewed?

		Yes	No	Refused
				to
				answer
1	SMS	1	2	99
2	Phone calls	1	2	99
3	I have been interviewed	1	2	99
4	In Facebook	1	2	99

# 10. PARTICIPATION/MEMBERSHIP

**P1. ASK ALL** Are you a member (or head) of any organisation, group or association in your local area? (SINGLE CODE)

Yes	1	Go To P1b
No	2	GO TO P2

P1b IF ANSWERED YES TO P1 Could you tell me whether you are an official leader, an active member, an inactive member, or not a member?

#### **READ OUT. SINGLE CODE.**

P1b	Official	Active	Inactive	Don't	Refused
	Leader	member	member	know	
	4	3	2	88	99

P1c IF ANSWERED YES TO P1 What type of group/organisation is it? (MULTIPLE CODE)

	P1c
Government institution/political party	1
Religious institution/organisation	2
Women's group	3
Youth group	4
Cooperative	5
Union	6

Media	7
Business association	8
Health-related NGO	9
Cultural	10
Environment	11
Any other	12
Other. Please specify	13

**P2 ASK ALL** Have you received any support, training or guidance from an NGO/organisation related to ways to prepare and respond to challenges emerging from changes in weather and the environment that we have discussed today?

Yes	1	GO TO P2b
No	2	GO TO P3
DK	88	GO TO P3
Refused to answer	99	GO TO P3

# **P2b ASK IF ANSWERED YES TO P2** Which organisation was it?

	Mentioned	Not mentioned
Tanzania Forestry Conservation	1	2
Group (TFCG)		
Mtandao wa Jamii wa	1	2
Usimamizi wa Misitu Tanzania		
(MJUMITA)		
ActionAid International	1	2
Tanzania Organic Agriculture	1	2
Movement (TOAM)		
Norwegian Church Association	1	2
(NCA)		
Uluguru Mountain Agricultural	1	2
Development Project		
(UMADEP)		
Morogoro Environmental	1	2
Conservation Organization		
(MOECO)		
Heifer International	1	2
Dodoma Environmental	1	2
Network (DONET)		
Marafiki ya Elimu (MED)	1	2
Tanzania Network for	1	2
Indigeneous Pastoralist		
(TANIPE)		
Tanzania Environmental	1	2
Relative Organization (TERO)		
Can't remember	1	2
Other. Please specify	1	2

**P3 ASK ALL** Have you received any support, training or guidance from a government agency related to ways to prepare and respond to challenges emerging from changes in weather and the environment that we have discussed today?

Yes	1
No	2
DK	88
Refused to answer	99

# 11. **DEMOGRAPHICS**

INTERVIEWER: CHECK AGE AND GENDER IS RECORDED IN SCREENER

# D1 ASK ALL Which of these descriptions best describes your marital status?

#### **READ OUT**

#### **SINGLE CODE**

	D1
Single	1
Married, living with spouse	2
Married, not living with spouse	3
Divorced/Separated	4
Widowed	5
Living with Partner	6
In a marriage where the husband has more than one wife	7
Other (specify)	8
Don't know	88
Refused/No answer	99

#### D2 ASK ALL How easy is it for you to read a newspaper written in...?

#### **READ OUT**

#### **SINGLE CODE**

INTERVIEWER TO HOLD UP A PAPER WRITTEN IN EACH (MAIN) LANGUAGE

D2	Easy	Difficult	Do not read at all
Swahili	1	2	3
English	1	2	3

D3 ASK ALL Have you ever attended school?

DO NOT READ OUT

SINGLE CODE

	D3
Yes	1
No	2
Refused/No answer	99

# D4 ASK ALL What is the highest level of schooling you have completed?

DO NOT READ OUT

SINGLE CODE

	D4
Have never attended school	1
Did not complete primary education	2
Primary	3
Secondary	4
College	5
University	6
Don't know	88
Refused	99

# D5 ASK ALL What category does your household income fall within?

READ OUT. SINGLE CODE.

42

	D8
We don't have enough money, even for food	1
We can afford food but purchasing of clothes is a serious problem	2
We can afford food and clothes, but purchasing of durables such as TV set or a refrigerator is difficult for us	3
We can afford main household appliances, but purchasing a car is beyond our means	4
What we earn is sufficient to buy anything except such expensive purchases as an apartment or house	5
We do not face financial problems. If necessary we can buy an apartment or a house	6
Don't know	88
Refused/No answer	99

# D6 **ASK ALL What is your occupation?**

DO NOT READ OUT. SINGLE CODE.

	D7
	Yourself
Doctor	1
Lawyer/Magistrate	2
Accountant	3
Engineer	4
Teacher	5
Other professional SPECIFY	6
Journalist/ working in Media	7
Managing business with 20 employees or more	8
Managing business with less than 20 employees but 1 or more employee	9
Petty trader/shopkeeper (no employees)	10

Government official/civil servant in position of management	11
Mid-level/senior office worker (non-government)	12
Other Government worker	13
Junior office worker (non-government)	14
Agricultural labourer/farmer	15
Pastoralist	16
Fisherman	17
Agricultural extension worker	18
Health worker	19
Unskilled labour-specify	20
Cleaner/domestic servant	21
Transport worker (bus driver, auto rickshaw driver, taxi driver, etc.)	22
Housewife	23
Student	24
Retired	25
Unemployed	26
Other specify	27
Don't know	88

# D7.1 ASK ALL Are you the main wage earner in the household?

	D8
Yes	1
No	2
DK	88
Refused	99

# D8. ASK IF 'No' TO D7.1 What is the occupation of the main wage earner in the household?

# DO NOT READ OUT. SINGLE CODE FOR EACH

	D7
	Yourself
Doctor	1
Lawyer/Magistrate	2
Accountant	3
Engineer	4
Teacher	5
Other professional SPECIFY	6
Journalist/ working in Media	7
Managing business with 20 employees or more	8
Managing business with less than 20 employees but 1 or more employee	9
Petty trader/shopkeeper (no employees)	10
Government official/civil servant in position of management	11
Mid-level/senior office worker (non-government)	12
Other Government worker	13
Junior office worker (non-government)	14
Agricultural labourer/farmer	15
Pastoralist	16
Fisherman	17
Agricultural extension worker	18
Health worker	19
Unskilled labour-specify	20
Cleaner/domestic servant	21
Transport worker (bus driver, auto rickshaw driver, taxi driver, etc.)	22
Housewife	23
Student	24
Retired	25

Unemployed	26
Other specify	27
Don't know	88

#### **INTERVIEWER EXPLAIN:**

- THAT THE INTERVIEW IS NOW FINISHED
- THANK RESPONDENT FOR THEIR TIME
- ANSWER ANY FINAL QUESTIONS THE RESPONDENT MAY HAVE

#### **INTERVIEWER NOTES:**

THESE QUESTIONS SHOULD BE COMPLETED BY THE INTERVIEWER AFTER THE INTERVIEW HAS CONCLUDED

IN1. FINISH TIME (HHMM): / MUDA WA KUMALIZA (HHMM)

IN2. TOTAL MINUTES:/ JUMLA YA DAKIKA

#### **IN3** Interview conducted?

First time / initial call successful	1
Second time/second call successfully	2
Third time/ third call successful	3

# IN4. LANGUAGE OF INTERVIEW (<u>Code from file</u>):/ Lugha ya mahojiano ( Andika kutoka kwenye faili )

- 1 English/ kiingereza
- 2 Swahili/ Kiswahili
- 3. Other...

**IN5**. Overall, how did the respondent behave during the interview? / kwa ujumla, mhojiwa alionekanaje wakati wa mahojiano

	SELECT ONE RESPONSE/ CHAGUA JIBU MOJA
Interested/ anavutiwa	1
Indifferent/ hakuwa tofauti	2
Distracted/ alisumbuliwa	3

Became tired/ Alichoka	4
Angry/ Alikasirika	5

## IN6 Which, if any, questions did the respondent have trouble answering?

IDENTIFY UP TO THREE QUESTIONS THAT THE RESPONDENT HAD TROUBLE ANSWERING. IF THEY DIDN'T HAVE ANY TROUBLE, LEAVE BLANK.

IN6a	First question→	
IN6b	Second question→	
IN6c	Third question →	

IN7	INTERVIEWER/ MHOJI: NAME/ JINA:	 #:

INTERVIEWER: Thank you for your work. / MHOJI: ASANTE KWA KAZI YAKO

# Please read the following statement and sign it./ TAFADHALI SOMA MAELEZO YAFUATAYO NA UTIE SAHIHI

I declare that this interview has been conducted by me in keeping with the instructions for face-to-face interviewing with a respondent who was selected according to the sampling instructions./ Ninakiri kwamba mahojiano haya yamefanywa na mimi kwa kuzingatia maelekezo ya mahojiano ya ana kwa ana na mhojiwa aliyechaguliwa kutokana na malekezo ya sampuli?

Signature and date/ sahihi na tarehe	