



Model Questionnaire

Measuring the nexus between
gender and environment



Introduction

The lives of women and men are intrinsically related to the environment. However, women and men may experience these connections differently. Understanding the multi-dimensional nature of the gender-environment nexus requires individual-level analysis of women's and men's experiences managing natural resources, dealing with hazards, coping with the consequences of climate change and promoting environmental conservation, among many other areas.

To support the collection of official statistics on the gender-environment nexus, UN Women developed this Model Questionnaire, in close consultation with FAO, ILO, IUCN, UNEP, UNDRR and UNESCAP. It can be implemented in full or some modules can be attached to other multi-purpose surveys.

Ideal vehicles for these modules are surveys that ask questions to both adult males and females randomly (not just heads of household).

Surveys that ask questions to both one male and one female within the same household are also ideal vehicles. If the survey is used as a stand-alone survey, sampling of both one male and one female within the same household is recommended.

- Modules are labeled with “hh” and “i” markings

HH

“hh” modules are meant to be asked to one member of the household only (he or she can respond for all household members)

I

Modules marked with an “i” are meant to be asked to at least two adults (one male and one female) within the same household

Questions marked in **green** are not typically included in other surveys but are key to capturing gender-environment dimensions

Instructions marked in **blue** are instructions for the enumerator, and should not be read out loud

Instructions marked in **orange** are instructions for the respondent, the enumerator should read these out loud

Guidelines for the use of this questionnaire and the calculation of related gender-environment measures, including Sustainable Development

Goals indicators, are published in a separate companion report to this Model Questionnaire.

Module number	Module name	Type of module
Module 1	Household roster	Household
Module 2	Housing characteristics: Location, building materials, fuel, water and sanitation	Household
Module 3	Individual characteristics	Individual
Module 4	Disaster exposure, preparedness and consequences	Individual
Module 5	Exposure to, and preparedness for, climate change related effects	Individual
Module 6	Employment in the green economy	Individual
Module 7	Agriculture and land use	Individual
Module 8	Environment-related livelihoods	Individual
Module 9	Asset ownership	Individual
Module 10	Decision making and mobility	Individual

Household Selection

Fill out this information prior to starting the interview

PSU Number Segment:		
Dwelling Unit Number:		
Type of selection:	Random Adult	1
	Random Adult and spouse/partner (c)	2
Province:		
District Municipality:		
Local Municipality:		
Assignment Number:		
Household Number for this household [1A]		
1A-1 Household Identification		
1A-2. Total number of households at selected dwelling		
1A-3. Physical identification of dwelling unit:		
1A-4. GPS Coordinates of dwelling:	LAT	
	LONG	
1A-5. Were you able to locate the household members for interview?	Yes	1
	No	0
1A-6. Were you able to track and locate the selected household members in their new location?	Yes	1
	No	0
1A-7. GPS coordinates of new dwelling	LAT	
	LONG	
1A-8. Main language spoken at home:		
1A-9. Language of interview:		
1A-10. Date of interview:		

→1A.8

→End survey

Staff Details

Supervisor:	Assignment No.:	
	Date Checked:	
Quality Control:	Assignment No.:	
	Date Checked:	
Survey/Field Officer:	Name:	
	Remarks by Survey Officer:	
	Remarks by Supervisor:	

Introduction and consent

Hello, my name is
and I am calling on behalf of the [INTRODUCE EXACT NAME AND ACCRONYM OF THE NATIONAL STATISTICS OFFICE].

We are conducting a survey about environmental issues, which will help the government plan related policies. Your household was selected for the survey, so I would like to ask you some questions.

The questions usually take about [ENTER NUMBER OF MINUTES DEPENDING ON MODULES IMPLEMENTED] minutes.

All your answers will be kept confidential and won't be shared with anyone besides the survey team. Data analysts will not be able to see your name or identify your responses in any way.

We hope you will agree to answer these questions, as your views are very important. If I ask a question you don't want to answer, please let me know and we can skip to the next question.

Do you agree to begin the interview now?

Signature of interviewer

Date

Respondent agrees to be interviewed... 1			
1A-8	RECORD THE TIME.	Hours	
		Minutes	

Respondent does not agree to be interviewed... 2			
1A-8	RECORD THE TIME.	Hours	
		Minutes	

Module 1: Household roster

Record Respondent ID

To begin, I would like to understand how many people live in this household and how they are related to you. Please provide these details to the best of your knowledge.

RESPONDENT ID	1.1 Please provide the names of all the people who usually live in this household. Name yourself first and name the remaining members from oldest to youngest. Please list the names of all people who stayed in this household at least four nights per week for the last four weeks. Order from eldest to youngest.	1.2 What is [NAME]'s relationship to household head?	1.3 What is the sex of [NAME], as recorded at birth?	1.4 How does [NAME] record their gender? [Gender refers to current gender, which may be different from sex recorded at birth and may be different to what is indicated on legal documents]	1.5. What is [NAME]'s date of birth?	1.5.a How old is [NAME] in complete years? Confirm the number you entered by checking the respondent's birthday against the date of interview.
		Head Spouse / Partner Child Other relative Non-relative	Male Female Intersex or non-binary	1 2 3 They use a different term Don't know	(insert in format dd/mm/yyyy)	(number of years)
1	Respondent's name					
2	HH member 1					
3	HH member 2					
4	etc					

To make sure you have a comprehensive list of individuals connected to the household, use the following probe questions and record any additional individuals as needed.

1.6. RECOVERY QUESTION In order to make a comprehensive list of individuals connected to the household, use the following probe questions, and record any additional individuals as needed. Just to make sure that I have a complete listing:	(a) Are there any other persons such as small children or infants that we have not listed?	If yes, complete above	
	(b) Are there any other people who stayed in this household for at least four nights per week for the last four weeks?	If yes, complete above	
	(c) Are there any domestic workers who usually live in the household/at least four nights per week for the last four weeks?	If yes, complete above	
1.7 In the past 12 months, did this household (or any of its members) operate any land (including orchards and kitchen gardens) for agricultural purposes?	Yes	1	→1.9
	No	0	
1.8 Was farming performed...? Indicate (check) ALL that apply.	For own use/consumption of the household	1	
	For sale/ profit	2	
	Wage work	3	
	Leisure, tradition, religion or other	4	
1.9 In the past 12 months, did this household (or any of its members) raise or tend to any livestock (e.g., cattle, goats, chicken, etc.)?	Yes	1	→1.12
	No	0	
1.10 Was raising/tending livestock performed...? Indicate (check) ALL that apply.	For own use/consumption of the household	1	
	For sale/ profit	2	
	Wage work	3	
	Leisure, tradition, religion or other	4	
1.11 Is the household an agricultural household? [To be answered by interviewer/CATI script] A household is classified as an agricultural household if: (a) Q1.7 = 1 and Q1.8 = 1 or 2. OR (b) Q1.9 = 1 and Q1.10 = 1 or 2.	Yes	1	
	No	0	
1.12 In the past 12 months, was this household (or any of its members) involved in any fishing or fish farming (in ocean, rivers, own pond, etc.)?	Yes	1	→Next Module
	No	0	
1.13 Was fishing performed...? Indicate (check) ALL that apply.	For own use/consumption of the household	1	
	For sale/ profit	2	
	Wage work	3	
	Leisure, religion, tradition or other	4	

Module 2: Housing characteristics - Location, building materials, energy, water and sanitation

Record Respondent ID

I will now proceed to ask some questions about your dwelling unit and its characteristics and any nearby land you use for production or own consumption, such as a garden.

2.1 Main type of material used for the construction of the walls of the dwelling (Do not ask. Record material based on enumerator's observation) Refers to the material that covers the largest part of the wall. The quality of the material does not matter.	Natural walls	
	No walls	11
	Cane / Palm / Trunks	12
	Dirt	13
	Rudimentary walls	
	Bamboo with mud	21
	Stone with mud	22
	Uncovered adobe	23
	Plywood	24
	Cardboard	25
	Reused wood	26
	Thatch/ Woven walls	27
	Tin	28
	Finished walls	
	Cement	31
	Stone with lime / cement	32
	Bricks	33
	Cement blocks	34
	Covered adobe	35
	Galvanized iron	36
	Wood planks / shingles	37
	Other (specify)	-96
2.2 Main type of material used for construction of the roof (Do not ask. Record material based on enumerator's observation) Refers to the material that covers the largest part of the roof. The quality of the material does not matter	Natural walls	
	No roof	11
	Thatch / Palm leaf	12
	Sod	13
	Rudimentary roofing	
	Rustic mat	21
	Palm / Bamboo	22
	Wood planks	23
	Cardboard	24
	Finished roofing	
	Metal / Tin	31
	Wood	32
	Calamine / Cement fibre	33
	Ceramic tiles	34
	Cement	35
	Roofing shingles	36
	Other (specify)	-96
2.3 Main type of material used for construction of the floor (Do not ask. Record material based on enumerator's observation) Refers to the material that covers the largest part of the floor. The quality of the material does not matter	Natural floor	
	Earth / sand	11
	Coral	12
	Dung	13
	Rudimentary floor	
	Wood planks	21
	Palm / Bamboo	22
	Finished floor	
	Parquet or polished wood	31
	Vinyl or asphalt strips	32
	Ceramic tiles	33
	Cement	34
	Lino	35
	Carpet	36
	Other (specify)	-96

2.4 Is your household, dwelling unit or land (including any land you may use for production or own consumption) located near (within 2km / 30min walk) any of the following?	Sea shore	Yes	1
		No	0
		Don't know	-98
	Industrial production facilities	Yes	1
		No	0
		Don't know	-98
	Craft/artisanal production facilities that use dyes, paints, polishes or other chemicals	Yes	1
		No	0
		Don't know	-98
	Fracking locations	Yes	1
		No	0
		Don't know	-98
	Extractive sites (e.g. mines, oil pumps, etc.)	Yes	1
		No	0
		Don't know	-98
	High vehicle traffic area (e.g. highway, main thoroughfare)	Yes	1
		No	0
		Don't know	-98
	Dumping sites	Yes	1
		No	0
		Don't know	-98
	Brownfield land	Yes	1
		No	0
		Don't know	-98
	Powerplant or high-voltage power lines	Yes	1
		No	0
		Don't know	-98
	Burning/cremation facilities	Yes	1
		No	0
		Don't know	-98
	Open defecation area	Yes	1
		No	0
		Don't know	-98
	Medium to Large scale agricultural plot (with use of pesticides)	Yes	1
		No	0
		Don't know	-98
	Communal septic systems	Yes	1
		No	0
		Don't know	-98
	Underground storage tanks/underground waste storage	Yes	1
		No	0
		Don't know	-98
	Industrial-level animal production facility	Yes	1
		No	0
		Don't know	-98
	Storage facility (for chemicals, batteries, paint or other potentially harmful items)	Yes	1
		No	0
		Don't know	-98
	Lowlands, swamp or other flood-prone area	Yes	1
		No	0
		Don't know	-98
	Active volcano	Yes	1
		No	0
		Don't know	-98
	Fault line / earthquake prone area	Yes	1
		No	0
		Don't know	-98
	Cyclone/hurricane/high wind vulnerable area	Yes	1
		No	0
		Don't know	-98
	Deviated river land	Yes	1
		No	0
		Don't know	-98
	River bank	Yes	1
		No	0
		Don't know	-98
	Lake shore	Yes	1
		No	0
		Don't know	-98
	Deforested area or other area prone to drought	Yes	1
		No	0
		Don't know	-98
	Protected area	Yes	1
		No	0
		Don't know	-98
2.5 How many rooms in this household are used for sleeping?	Number of rooms	Enter number of rooms [...]	
	Don't know	-98	

2.6 What is the source of electricity in your household?	Grid	1	
	Off-grid, solar	2	
	Off-grid, wind	3	
	Off-grid, hydro	4	
	Off-grid, fuel	5	
	No electricity in the household	0	
2.7 Does your household have	Water dispenser	1 - yes	0 - no
	Water pump	1 - yes	0 - no
	Oven	1 - yes	0 - no
	Radio	1 - yes	0 - no
	Television	1 - yes	0 - no
	Landline	1 - yes	0 - no
	Refrigerator	1 - yes	0 - no
	Electric fan	1 - yes	0 - no
	Air conditioner	1 - yes	0 - no
2.8 What type of cook stove is mainly used for cooking in this household?	Washing/drying machine	1 - yes	0 - no
	Working internet connection	1 - yes	0 - no
	Electric stove	1	→2.12
	Solar cooker	2	→2.12
	Liquefied Petroleum Gas (LPG)/Cooking gas stove	3	→2.12
	Piped natural gas stove	4	→2.12
	Biogas stove	5	→2.12
	Liquid fuel stove	6	→2.11
	Manufactured solid fuel stove	7	
	Traditional solid fuel stove	8	
	Three stone stove (open fire)	9	→2.11
	No cooking in household	10	→2.16
2.9 Does the stove have a chimney?	Other (specify)	-96	
	Yes	1	
	No	0	
2.10 Does the stove have a fan?	Don't know	-98	
	Yes	1	
	No	0	
2.11 What type of fuel or energy source is used in this cook stove?	Don't know	-98	
	Alcohol/ethanol	1	
	Gasoline/Diesel	2	
	Kerosene/Paraffin	3	
	Coal / Lignite	4	
	Charcoal	5	
	Wood	6	
	Straw / Shrubs / Grass	7	
	Agricultural crop residue	8	
	Animal dung/waste	9	
	Processed biomass (pellets) or wood chips	10	
	Garbage/plastic	11	
	Sawdust	12	
	Other (specify)	-96	
2.12 Is the cooking usually done in the house, in a separate building, or outdoors?	Inside the house, in a separate room used as kitchen	1	
	Inside the house, somewhere else	2	
	In a separate building	3	
	Outdoors	4	
	Other (specify)	-96	
2.13 Who in this household is usually in charge of cooking? (if various select person who does it most often)	Adult woman (age 15+ years)	1	
	Adult man (age 15+ years)	2	
	Girl child (under 15)	3	
	Boy child (under 15)	4	
	Don't know	-98	
2.14 Who in your household is usually in charge of gathering, fetching, carrying and/or bringing fuel materials for cooking or heating? (if various select person who does it most often)	Adult woman (age 15+ years)	1	
	Adult man (age 15+ years)	2	
	Girl child (under 15)	3	
	Boy child (under 15)	4	
	Nobody fetches fuel	5	→2.16
	Don't know	-98	→2.16
2.15 How long does it usually take to go there, get fuel and come back?	Number of minutes	Enter number of minutes []	
	Don't know	-98	
2.16 What does this household use to heat the home when needed?	Central heating	1	→2.18
	Manufactured space heater	2	→2.18
	Traditional space heater	3	
	Manufactured cookstove	4	
	Traditional cookstove	5	
	Three stone stove/open fire	6	
	No heating in household	7	→2.19
	Other (specify)	-96	
2.17 Does the house have a chimney (apart from the kitchen extractor)?	Yes	1	
	No	0	
	Don't know	-98	

2.18 What type of fuel does your household mainly use for heating?	Electricity	1	
	Piped natural gas	2	
	Solar generator	3	
	Liquefied Petroleum Gas (LPG)	4	
	Biogas	5	
	Alcohol/ethanol	6	
	Gasoline/Diesel	7	
	Kerosene/Paraffin	8	
	Coal / Lignite	9	
	Charcoal	10	
	Wood	11	
	Straw / Shrubs / Grass	12	
	Agricultural crop	13	
	Animal dung/waste	14	
	Processed biomass (pellets) or wood chips	15	
	Garbage/plastic	16	
	Sawdust	17	
	Other (specify)	-96	
2.19 What type of fuel does your household mainly use for cooling?	Electricity	1	
	Piped natural gas	2	
	Solar generator	3	
	Liquefied Petroleum Gas (LPG)	4	
	Biogas	5	
	Alcohol/ethanol	6	
	Gasoline/Diesel	7	
	Kerosene/Paraffin	8	
	Other (specify)	-96	
2.20 At night, what does your household mainly use to light the home?	Electricity (grid)	1	
	Electricity (fuel generator)	2	
	Electricity (solar generator)	3	
	Solar lantern	4	
	Rechargeable flashlight	5	
	Battery powered flashlight	6	
	Biogas lamp	7	
	Gasoline lamp	8	
	Kerosene or paraffin lamp	9	
	Charcoal	10	
	Wood	11	
	Straw/shrubs/grass	12	
	Agricultural crop	13	
	Animal dung/waste	14	
	Oil lamp	15	
	Candle	16	
	No lighting in household	17	
	Other (specify)	-96	
2.21 Does this household use the same source of drinking water across seasons (e.g. different sources used during dry and wet season)?	Yes, the same main source is used all year	1	
	No, different main sources are used in different seasons	2	
2.22 Record season name [e.g. dry, wet, spring, summer, winter, autumn]			
2.23 What is the main source of drinking water for members of the household?	Piped water		
	Piped into dwelling	11	→2.28
	Piped into yard or plot	12	→2.28
	Piped to neighbour	13	
	Tap / standpipe serving 5 households or less	14	
	Public tap/standpipe serving more than 5 households	15	
	Tube well, borehole	21	
	Dug well		
	Protected well	31	
	Unprotected well	32	
	Water from spring		
	Protected spring	41	
	Unprotected spring	42	
	Rainwater collection	51	
	Tanker-truck	61	
	Cart with small tank / drum	71	
	Surface water (river, stream, dam, lake, pond, canal, irrigation channel)	81	
	Bottled water	91	
	Other (specify)	-96	
2.24 Where is that water source located?	In own dwelling	1	→2.28
	In own yard/plot	2	→2.28
	Elsewhere	3	

→2.23
→Ask questions 2.22 to 2.27 as many times as necessary (once per season), and record season name accordingly

2.25 How long does it usually take to go there, get water and come back ?	Number of minutes	Enter number of minutes []
	Don't know	-98
2.26 Who usually goes to this source to collect drinking water for your household? (if various, select person who goes most often)	Adult woman (age 15+ years)	1
	Adult man (age 15+ years)	2
	Girl child (under 15)	3
	Boy child (under 15)	4
	Do not know	-98
2.27 What mode of transport do you/does she/he usually use to get the drinking water?	Walk	1
	Bicycle	2
	Motorcycle	3
	Sidecar	4
	Car	5
	Bus / van / shared vehicle	6
	Public transport	7
2.28 In the past 12 months, has there been any time when your household didn't have sufficient quantities of drinking water when needed?	Yes	1
	No	0
	I don't know	-98
2.29 In the past 12 months, has your drinking water source been compromised (due to pollution, chemicals, animal refuse, garbage, etc.) or interrupted due to shortages? Note the causes behind this question exclude those that are directly natural disaster-related, as these are captured under Module 6 (question 6.6.q)	Yes, and I had to find a different source (even if temporary)	1
	Yes, the water was compromised but I continued using it	2
	No	0
	I don't know	-98
2.30 What type of toilet facility do members of your household usually use?	Flush / Pour flush	
	Flush to piped sewer system	11
	Flush to septic tank	12
	Flush to pit (latrine)	13
	Flush to somewhere else [e.g. over water, lagoon, etc.]	14
	Flush to unknown place / not sure	15
	Pit latrine	
	Ventilated Improved Pit latrine (VIP)	21
	Pit latrine with slab	22
	Pit latrine without slab / Open pit	23
	Composting toilet	31
	Bucket	41
	Hanging toilet, Hanging latrine	51
	No facility, Bush, Field, Beach, Lagoon	95
	Other (specify)	-96
2.31 Where is this facility located?	In own dwelling	1
	In own yard	2
	Elsewhere	3
2.32 Is the facility and the way to reach it adequately illuminated and does it have a lock?	Yes, it is well illuminated and has a lock	1
	Yes, it is well illuminated but doesn't have a lock	2
	It has a lock but it isn't well illuminated	3
	No, it is neither illuminated nor has a lock	4
2.33 Do you share this facility with other households?	Yes	1
	No	0
2.34 Indicate number of households you share these facilities with	ENTER NUMBER OF HOUSEHOLDS []	
2.35 Where are the contents of the toilet facility emptied to?	A treatment plant	1
	Buried in a covered pit	2
	Uncovered pit / bush / field / open ground	3
	Surface water (river, dam, lake, pond, stream, canal, irrigation channel)	4
	Other	-96
	Don't know	-98
2.36 Does the facility have a hand-washing place nearby?	Yes	1
	No	0
2.37 Do you typically keep any of the following next to your hand washing place?	Soap or detergent	1
	Ash, mud, sand	2
	None of the above	3

→2.28

→Next Module

→2.35

→Next Module

Selection of respondents

Individual questionnaire

1. Name and id of selected male adult household member:

2. Name and id of selected female adult household member:

3. List all the respondents to be individually interviewed on this tablet by giving the name and the type of respondent (example, john – random person; jane – spouse; kate – domestic worker):	Name	Type of respondent	
		Randomly selected person	1
		Spouse/partner of randomly selected person	2
		Other	-96
		Randomly selected person	1
		Spouse/partner of randomly selected person	2
		Other	-96
		Randomly selected person	1
		Spouse/partner of randomly selected person	2
		Other	-96
		Randomly selected person	1
		Spouse/partner of randomly selected person	2
	Other	-96	
4. Is the respondent available for the interview during your time in the psu?	Yes	1	
	No	0	
5. Date of interview:			

If the respondent is different from the one completing the household questionnaire, please read confidently the statement of purpose given on the intro/consent page, and then give time for the respondent to ask questions, before soliciting information.

Module 3: Individual characteristics

(Record answer for each respondent. Use respondent ID from module 1)

Record Respondent ID

I would now like to record a few characteristics about your personal background.

3.1 Where do you currently reside?	City / town	1	ASK ONLY IF CATI
	Village / countryside	2	
3.2 Have you ever been married or lived together with a partner as if married?	Yes	1	→3.5
	No	0	
3.3 In what month and year did you first start living with a partner?	[enter age in format mm/yyyy]		
3.4 What is your current marital status?	Never married but living with a partner (cohabitating)	1	
	Married	2	
	Separated	3	
	Widowed	4	
	Divorced	5	
3.5 What country were you born in?	Select code from M49		
3.6 Do you hold any nationality, different from the country you were born in? (record as many as necessary)	Select code from M49		
3.7 What is the highest level of education you have completed?	Less than primary	1	
	Primary	2	
	Less than secondary	3	
	Secondary	4	
	Less than tertiary	5	
	Tertiary or above	6	
3.8 Which of the following ethnicities do you identify with?	Add ethnic groups depending on country context		

The next questions ask about difficulties you may encounter doing certain activities because of a HEALTH PROBLEM.

3.9 Do you have difficulty seeing, even if wearing glasses?	No difficulty	1	
	Some difficulty	2	
	A lot of difficulty	3	
	Cannot do at all	4	
	Did not respond	-99	
3.10 Do you have difficulty hearing, even if using a hearing aid?	No difficulty	1	
	Some difficulty	2	
	A lot of difficulty	3	
	Cannot do at all	4	
	Did not respond	-99	
3.11 Do you have difficulty walking or climbing steps?	No difficulty	1	
	Some difficulty	2	
	A lot of difficulty	3	
	Cannot do at all	4	
	Did not respond	-99	
3.12 Do you have difficulty remembering or concentrating?	No difficulty	1	
	Some difficulty	2	
	A lot of difficulty	3	
	Cannot do at all	4	
	Did not respond	-99	
3.13 Do you have difficulty (with self-care such as) washing all over or dressing?	No difficulty	1	
	Some difficulty	2	
	A lot of difficulty	3	
	Cannot do at all	4	
	Did not respond	-99	
3.14 Using your usual language, do you have difficulty communicating (for example understanding or being understood by others)?	No difficulty	1	
	Some difficulty	2	
	A lot of difficulty	3	
	Cannot do at all	4	
	Did not respond	-99	

Module 4: Disaster and hazard exposure, preparedness and consequences

(Record answer for each respondent. Use respondent ID from module 1)

Record Respondent ID

I would now like to understand if you have experienced extreme weather events, natural hazards, or other disaster situations in the past 12 months, and how you reacted at the time. For each event you have experienced, I will ask a series of questions. First, let's begin by understanding if you can remember being in a place (city, village, municipality, field) where you witnessed the following events:

D.1	Drought	Yes	1
		No	0
D.2	Flood (including coastal, riverine, flash flood, fluvial, ground water flood, snowmelt flood, surface water flooding, etc)	Yes	1
		No	0
D.3	Storm surge, storm tides	Yes	1
		No	0
D.4	Cyclone/Hurricane/Typhoon/Depression (low pressure area)	Yes	1
		No	0
D.5	Tornado	Yes	1
		No	0
D.6	Extreme wind episode (e.g. derecho, strong gale, squall, etc)	Yes	1
		No	0
D.7	Hailstorm, Ice storm, freezing rain, blizzard, severe glaze	Yes	1
		No	0
D.8	Severe thunderstorm, downburst, lightning	Yes	1
		No	0
D.9	Acid rain	Yes	1
		No	0
D.10	River / coast erosion event	Yes	1
		No	0
D.11	Landslide	Yes	1
		No	0
D.12	Mud flow, rock slide	Yes	1
		No	0
D.13	Earthquake, surface rupture or other sesimogenic event	Yes	1
		No	0
D.14	Sinkhole, liquefaction and other shallow geohazard	Yes	1
		No	0
D.15	Salinity/sea water intrusion episode	Yes	1
		No	0
D.16	Avalanche (snow, debris)	Yes	1
		No	0
D.17	Sea ice, seiche	Yes	1
		No	0
D.18	Extreme cold event (e.g. cold wave, dzud, etc)	Yes	1
		No	0
D.19	Extreme heat event (e.g. heat wave)	Yes	1
		No	0
D.20	Infrastructure failiure (damn failure, supply systems failure, water supply failiure, etc)	Yes	1
		No	0
D.21	Radiation event (radioactive waste, radiation agents, nuclear agents)	Yes	1
		No	0
D.22	Wildfire	Yes	1
		No	0

D.23	Volcanic activity events (e.g. ash fall, lava flow, ballistics, debris flow, etc)	Yes	1
		No	0
D.24	Tsunami or other wave action	Yes	1
		No	0
D.25	Extra-terrestrial event (e.g. geomagnetic storm, meteor impact, solar storm, space hazard, etc)	Yes	1
		No	0
D.26	Pandemic/Health emergency/other biological event (e.g. biological agents, anthrax, airborne disease, water-borne disease, etc)	Yes	1
		No	0
D.27	Animal infectious disease (mass) (viral, bacterial, fungal, parasitic, shrimp disease, oyster disease, etc)	Yes	1
		No	0
D.28	Infestation event (locust, invasive weeds, etc)	Yes	1
		No	0
D.29	Mass animal mortality/disease event (birds, marine and land animals, including brucellosis, swine fever, foot and mouth disease, etc)	Yes	1
		No	0
D.30	Toxic dump/oil spill/mass pollution event (including gases, heavy metals, oil, benzene, chemical agents, asbestos, fluoride, methanol, microplastics, chlorine, hazardous waste, etc)	Yes	1
		No	0
D.31	Contaminated food/animal feed	Yes	1
		No	0
D.32	Persistent organic pollutants contamination episode (e.g. pesticide contamination event, insecticide contamination event, etc)	Yes	1
		No	0
D.33	Dust storm, haze event, polluted air, smoke, brown clouds and other lithometeors	Yes	1
		No	0
D.34	Aquaculture release event (marine toxins, algal bloom)	Yes	1
		No	0
D.35	Biological event (e.g. biological agents, anthrax, airborne disease)	Yes	1
		No	0
D.36	Conflict-related environmental degradation	Yes	1
		No	0
D.37	Other types of disaster (specify)	Yes	1
		No	0
D.38	Specify other(s)		

For each disaster event experienced, ask questions 4.2 to 4.7. Record responses for 4.2 to 4.7 as many times as disaster events experienced.

4.1 Disaster/hazard code			
4.2 Did you receive any advance notice or warning (e.g. were you able to access and understand early warning information)?	Yes	1	→4.5
	No	0	
4.3 Was the early warning information useful?	Yes	1	
	No	0	
4.4 What was your MAIN source of early warning information?	Radio	1	
	Television	2	
	Speaker/PSA	3	
	Community	4	
	Internet/social media/email	5	
	Phone (text or call)	6	
	Public board	7	
	Siren	8	
	App	9	
	Other	-96	
4.5 Did you personally take any of the following precautionary measures? (refers to measures taken by the respondent and not other household members)	a. Preserve drinking water	Yes	1
		No	0
	b. Preserve dry food	Yes	1
		No	0
	c. Preserve valuable items [e.g. appliances, jewellery, clothes, utensils, etc]	Yes	1
		No	0
	d. Preserve medicine/medical supplies	Yes	1
		No	0
	e. Preserve seeds / planting material	Yes	1
		No	0
	I don't have planting space		3

4.5 Did you personally take any of the following precautionary measures? (refers to measures taken by the respondent and not other household members)

f. Harvest or store crops	Yes	1
	No	0
	I don't have crops	3
g. Move livestock to safe place	Yes	1
	No	0
	I don't have livestock	3
h. Cover/protect crops	Yes	1
	No	0
	I don't have a garden	3
i. Build barrier	Yes	1
	No	0
j. Take refuge in designated shelter	Yes	1
	No	0
	No shelter was designated	3
k. Isolate indoors	Yes	1
	No	0
l. Flee to different geographical area (temporary)	Yes	1
	No	0
m. Send children to a safe place	Yes	1
	No	0
	I don't have children	3
n. Reinforce building materials of household	Yes	1
	No	0
o. Reinforce building materials of animal shelter	Yes	1
	No	0
	I don't have an animal shelter	3

4.6 As a result of this event, did you (personally) experience any of the following consequences?

a. Injury	Yes	1
	No	0
b. Illness	Yes	1
	No	0
c. Death of a household member	Yes	1
	No	0
	I didn't live with anyone at the time	3
d. Injury/illness of a household member	Yes	1
	No	0
e. Household member is missing	Yes	1
	No	0
	I didn't live with anyone at the time	3
f. Dwelling is damaged	Yes	1
	No	0
g. Dwelling is destroyed	Yes	1
	No	0
h. Personal income decreased (question refers to individual, not overall household income)	Yes	1
	No	0
	I have no personal income	3
i. Crops that I grow were damaged or destroyed	Yes	1
	No	0
	I don't grow crops	3
j. Livestock that I raise was lost or contracted serious illness	Yes	1
	No	0
	I don't raise livestock	3
k. Productive assets I personally own or use (land, industrial assets, machinery, productive services, etc.) were damaged or destroyed	Yes	1
	No	0
l. Children's school was cancelled or reduced	Yes	1
	No	0
	No children were living in the household at the time	3
m. Migrated to different geographical area	Yes	1
	No	0
n. Obtained or applied for refugee status	Yes	1
	No	0
o. Experienced another form of forced displacement (including pre-emptive evacuation)	Yes	1
	No	0
p. Drinking water source was damaged/compromised	Yes	1
	No	0
q. Water shortages affected my household's water use	Yes	1
	No	0

Ask only if respondent lives with other household members

4.6 As a result of this event, did you (personally) experience any of the following consequences?	r. Time spent on water collection increased	Yes	1
		No	0
		I don't collect water	3
	s. Time spent on child care increased (including physical care, teaching, playing)	Yes	1
		No	0
		No children were living in the household at the time	3
	t. Time spent caring for adult family members increased (including administrative support, physical care, psychological support)	Yes	1
		No	0
		I didn't have any adult family members at the time	3
	u. Time spent on any domestic work activities increased (services provided for the household, including cleaning, cooking, shopping for the household, repairs, décor, pet care)	Yes	1
		No	0
	v. Had to switch to unclean cooking/heating/lighting fuel for more than two weeks (e.g. any fuel apart from electricity, LPG, natural gas and biogas)	Yes	1
		No	0
	w. Time spent on fuel and firewood collection increased	Yes	1
		No	0
		I don't collect fuel/firewood	3
	x. Lost job	Yes	1
		No	0
		I didn't have a job	3
	y. Had to switch to unimproved form of sanitation (Pit latrine without slab, bucket, hanging toilet or bush/field)	Yes	1
		No	0
	z. Had to start sharing sanitation facilities with other households	Yes	1
		No	0
	z.a. Found difficulties accessing hygiene products	Yes	1
		No	0
		I didn't need hygiene products	3
	z.b. Experienced longer wait times to visit doctors/seek medical care	Yes	1
		No	0
		I didn't need medical care	3
	z.c. Was unable to seek necessary medical care	Yes	1
		No	0
		I did not need medical care	3
	z.d. Was unable to seek necessary medical care for family	Yes	1
		No	0
		Family did not need medical care	3
	z.e. Mental health was affected (experienced stress, anxiety)	Yes	1
		No	0
	z.f. Crime increased in the area where I live or work	Yes	1
		No	0
	z.g. Someone I know has been a victim of violence	Yes	1
		No	0
	z.h. Own vehicle was damaged	Yes	1
		No	0
		I don't have a vehicle	3
	z.i. Lost access to/could not use public transportation	Yes	1
		No	0
4.7 Were you involved in any committees or groups where you felt you could influence responses to rebuild after these events? (e.g. disaster response teams, camp management bodies, disaster-related policy making committees, etc.)	Yes	1	
	No	0	

Module 5: Exposure to, and preparedness for, climate change related effects

(Record answer for each respondent. Use respondent ID from module 1)

Record Respondent ID

The following questions refer to your own personal experience of slow onset climate events. These events differ from the events we mentioned in the previous module as they typically take place over longer periods of time. In particular, I would like to understand if you have ever observed some of the following phenomena in the environment around you. For each phenomenon you have experienced, I will ask a series of questions. First, let's begin by understanding if you can remember living or working near a place (city, village, beach, field, etc) where the following phenomena were apparent:

CC.1	Increased temperature (sustained) (e.g. Temperatures are higher than they used to be years ago)	Yes	1
		No	0
CC.2	Drop in temperature (sustained) (e.g. Temperatures are lower than they used to be years ago)	Yes	1
		No	0
CC.3	Recurrent heat waves	Yes	1
		No	0
CC.4	Recurrent extreme cold events	Yes	1
		No	0
CC.5	Increased overall precipitation	Yes	1
		No	0
CC.6	Decreased overall precipitation	Yes	1
		No	0
CC.7	Desertification	Yes	1
		No	0
CC.8	Endemic insect borne disease (e.g. Malaria, Dengue, Zika, etc.)	Yes	1
		No	0
CC.9	Recurrent wildfires	Yes	1
		No	0
CC.10	Water scarcity (reduced availability over extended periods)	Yes	1
		No	0
CC.11	River/coast erosion/sand encroachment and other permanent shallow geohazards	Yes	1
		No	0
CC.12	Increased frequency of animal death episodes (birds, land animals)	Yes	1
		No	0
CC.13	Increased frequency of animal death episodes (fish, seafood, freshwater animals, marine animals)	Yes	1
		No	0
CC.14	Loss of land and air biodiversity / Depletion of species (land animals, birds, plants, trees, insects, mushrooms, seeds)	Yes	1
		No	0
CC.15	Loss of water biodiversity / Depletion of species (fish, seafood, seaweed, coral bleaching, etc.)	Yes	1
		No	0
CC.16	Increased/frequent/chronic air pollution, haze, smoke	Yes	1
		No	0
CC.17	Increased ocean temperature	Yes	1
		No	0
CC.18	Sea level rise	Yes	1
		No	0
CC.19	Permanent/frequent flood (coastal, estuarine, groundwater flood, snowmelt flood, etc.)	Yes	1
		No	0
CC.20	Thawing of ice (glaciers, permafrost, other)	Yes	1
		No	0
CC.21	Increasing spread of pathogens (virus, bacteria)	Yes	1
		No	0
CC.22	Increase spread of parasites (human and animal)	Yes	1
		No	0
CC.23	Recurrent or chronic water pollution, including plastics (fresh water, marine, tap water, farming water)	Yes	1
		No	0
CC.24	Fresh water depletion	Yes	1
		No	0
CC.25	Eutrophication (higher than usual concentrations of nutrients/phytoplankton in fresh water)	Yes	1
		No	0
CC.26	Salinization of freshwater (aquifers, wells, etc.), sea water intrusion	Yes	1
		No	0
CC.27	Ocean acidification (coral bleaching, damaged or dissolved shells in shellfish)	Yes	1
		No	0
CC.28	Land degradation (eroded, polluted, salinized, less productive land or soil)	Yes	1
		No	0
CC.29	Sand mining	Yes	1
		No	0

CC.30	Deforestation, forest disturbances	Yes	1
		No	0
CC.31	Forest invasive species	Yes	1
		No	0
CC.32	Loss of mangroves	Yes	1
		No	0
CC.33	Ocean invasive species	Yes	1
		No	0
CC.34	Wetland loss/degradation	Yes	1
		No	0
CC.35	Permafrost loss	Yes	1
		No	0
CC.36	Runoff (non-point source pollution)	Yes	1
		No	0
CC.37	Recurrent pest infestation (e.g. locust, invasive weeds, invasive species)	Yes	1
		No	0
CC.38	Recurrent plant disease (bacterial, fungal, mycoplasma, etc.)	Yes	1
		No	0
CC.39	Recurrent animal or human disease (airborne, water borne, blood borne, etc.)	Yes	1
		No	0
CC.40	Specify other(s)		

For each climate change related event experienced, ask questions 5.2 to 5.5. Record responses for 5.2 to 5.5 as many times as climate change related events experienced.

5.1 Climate change effect code			
5.2 Where did you experience this phenomenon?	In the area where I live	1	
	In the area where I work	2	
5.3 Did you receive any information about this effect of climate change and its potential impact on you?	Yes	1	
	No	0	→5.5
5.4 What was the main source of this information?	Radio	1	
	Television	2	
	Internet	3	
	Community/ friends	4	
	Local administration	5	
	CSOs	6	
	Children's school	7	
	App	8	
	Other	-96	
5.5. As a result of this phenomenon, did you personally experience any of the following?	a. Searched for additional sources of income (e.g. a side-job, ask for a loan, etc)	Yes	1
		No	0
	b. Had to preserve food due to limited availability	Yes	1
		No	0
	c. Had to personally eat less due to lack of food/income	Yes	1
		No	0
	d. Preserved seeds, planting material	Yes	1
		No	0
		I don't use seeds/plant material	3
	e. Applied pesticides in higher quantities	Yes	1
		No	0
		I don't use land, aquaculture or any other items that may require pesticides	3
	f. Applied antibiotics in higher quantities	Yes	1
		No	0
		I don't use land, aquaculture or any other items that may require antibiotics	3
	g. Moved livestock to a different place	Yes	1
		No	0
		I don't rise livestock	3
	h. Agricultural yield decreased	No	0
		Yes	1
		I don't practice agriculture	3
	i. Agricultural yield increased	Yes	1
		No	0
		I don't practice agriculture	3
	j. Had to find a new plot for agricultural practices	Yes	1
		No	0
		I don't practice agriculture	3

5.5. As a result of these phenomena, did you experience any of the following?

k. Switched to different crops	Yes	1
	No	0
	I don't practice agriculture	3
l. Fished in a different location	Yes	1
	No	0
	I don't fish	3
m. Hunted in a different location	Yes	1
	No	0
	I don't hunt	3
n. Gathered plants/mushrooms/forest products in a different location	Yes	1
	No	0
	I don't gather plants/mushrooms/forest products	3
o. Changed jobs	Yes	1
	No	0
	I wasn't employed before	3
p. I lost my job	Yes	1
	No	0
	I wasn't employed before	3
q. My mental health was affected (stress, anxiety)	Yes	1
	No	0
r. Own physical health was affected	Yes	1
	No	0
s. Repaired/made changes to my house	Yes	1
	No	0
t. Moved to a different house or area	Yes	1
	No	0
u. Spent more time performing domestic chores such as such as cleaning, cooking, food processing, animal/pet care, etc.	Yes	1
	No	0
v. Time I spent caring for family members (e.g. children, elders, sick, disabled) increased	Yes	1
	No	0
	No family members were/are under my care	3
w. Time I spent fetching water increased	Yes	1
	No	0
	I don't need to fetch water	3
x. Time I spent on firewood/fuel collection increased	Yes	1
	No	0
	I don't need to fetch fuel	3
y. Time I spent on garbage management/recycling/picking increased	Yes	1
	No	0
	I don't collect/sort garbage	3
z. Time I spent fishing increased	Yes	1
	No	0
	I don't fish	3
z.a Time I spent on aquaculture increased	Yes	1
	No	0
	I don't practice aquaculture	3
z.b. Time spent taking care of livestock increased	Yes	1
	No	0
	I don't own livestock	3
z.c. Time spent processing food increased	Yes	1
	No	0
	I don't process food	3
z.d Time spent mining and oil pumping increased	Yes	1
	No	0
	I don't mine/pump	3
z.e. Time I spent foraging increased	Yes	1
	No	0
	I don't forage	3
z.f. Time spent hunting increased	Yes	1
	No	0
	I don't hunt	3
z.g. Time spent farming increased	Yes	1
	No	0
	I don't farm	3
z.h. Crime in my area has increased	Yes	1
	No	0
z.i. I have heard people are experiencing more violence	Yes	1
	No	0

5.6 Were you involved in any committees or institutions where you felt you could influence responses to resolve or mitigate these effects?

Yes	1
No	0

Module 6: Employment in the green economy

(Record answer for each respondent ages 18+. Use respondent ID from module 1)

Record Respondent ID

Now I will ask you some questions about your job and the activities you currently do.

6.1 Which of the following best describes what you are MAINLY doing at present...?	Working for someone else for pay	1	→6.5
	Working in own farming, raising animals, fishing or fish farming	2	
	Working in any other kind of business activity	3	→6.5
	Taking care of the home/family	4	→6.4
	Studying	5	→6.4
	Doing an unpaid apprenticeship, internship	6	→6.4
	Doing unpaid voluntary, community, charity work	7	→6.4
	Looking for work	8	→6.4
	Retired or pensioner	9	→6.4
	With long-term illness, injury or disability	10	→6.4
Other (specify: _____)	-96	→6.4	
6.2 Are the farming, fishing or animal products that you are working on intended...?	Only for sale	1	→6.5
	Mainly for sale	2	→6.5
	Mainly for family consumption	3	
	Only for family consumption	4	
6.3 What are the main (products/animals) that you are working on? (WRITE MAIN GOODS –e.g. [maize, rice, apples, oranges, cattle, sheep, fresh water fish])			
6.4 Last week, from (DAY) to (DAY), did you ...?	Do any (other) work to generate an income, even for 1 hour [e.g. casual, part-time, odd jobs, making things to sell, offering services for pay]	1	→6.5
	Have a paid job or business activity, but (were/was) temporarily absent	2	→6.5
	Help without pay in a family business	3	→6.5
	Did not contribute to any income generating activity (for myself or for others), not even for one hour	4	→Next Module
6.5 What kind of work do you do in your main job/business? (Write the occupation title and main tasks and duties – e.g. [Cattle farmer –breed, raise, sell cattle; Policeman –patrol the streets; Primary school teacher –teach children to read, write])			
6.6 What is the main activity of the place where you work? (Write the main activity of the establishment and main products or services provided – e.g. [Police Department –public safety; Restaurant –preparing and serving meals; Transport company –long distance transport of goods])			
6.7 Do you work as...?	Employee...	1	
	Paid apprentice, intern	2	
	Employer (with hired employees)	3	→6.9
	Own-account worker (without hired employees)	4	→6.9
	Helper (without pay) in a family business	5	→6.10
6.8 Does your employer pay contributions to [NAME OF NATIONAL PENSION FUND, HEALTH INSURANCE] on your behalf?	Yes	1	→6.10
	No	0	→6.10
	Don't know	-98	→6.10
6.9 Is your business registered in the [NAME OF NATIONAL BUSINESS REGISTER]?	Yes	1	
	No	0	
	Don't know	-98	

6.10 During the last month were you involved in the production of any of the following categories of environmental goods and services intended for consumption outside your worksite? These goods and services also include research and development, installation, and maintenance services.	a Energy from renewable sources [such as solar, wind, biomass, solid waste, hydroelectric, etc.] (Includes generation of electricity, heat or fuel but also manufacture, installation and maintenance of related machinery and equipment)	Yes	1	
		No	0	
	b Energy efficient goods and technologies [such as design, manufacture, installation and maintenance of (a) energy efficient manufacturing equipment, domestic electrical appliances, buildings, vehicles and parts for these vehicles; energy efficient lighting (e.g. led), more-efficient burners, stoves, boilers and pumps, water efficient equipment, insulation material, (b) Smart Grid technologies that improve the efficiency of energy storage and distribution; (c) Provision of efficient transportation technologies and services, including traffic management, intelligent traffic control]	Yes	1	
		No	0	
	c Recycling and reuse of resources [such as (a) Collect, separate and sort, recycle, reuse, remanufacture waste material (e.g. glass, metals, paper, rubber, textiles, etc.) and (b) Manufacturing of equipment for waste collection and waste treatment (e.g. containers for collection of recycled materials, waste bags, magnetic separators, shredders, etc.)]	Yes	1	
		No	0	
	d Sustainable agriculture, fisheries and forestry [such as production of agricultural products by using practices conserving land, water, and other resources, environmentally non-degrading, technically appropriate, economically viable and socially acceptable]	Yes	1	
		No	0	
	e Reduction and removal of pollution and air emissions [such as collection, treatment and disposal of waste materials and wastewater, including monitoring and regulation; manufacturing and installation of equipment and technologies for waste collection, waste treatment, air pollution]	Yes	1	
		No	0	
6.11 During the last month what percentage of your working time did you spend on the production of the environmental goods and services (reported in Q6.11-Q6.18)? (Complete if "yes" to at least one category in Q6.11-Q6.18, otherwise go to Q6.20)	f Protection and natural resource conservation [such as protection and remediation of soil, groundwater and surface water, biodiversity, wildlife and landscapes, aquatic resources, timber resources, etc. It includes identification and analysis of sources of pollution, mechanisms of dispersion of pollutant and research for prevention and removal of pollution...]	Yes	1	
		No	0	
	g Environmental compliance, education and training, and public awareness [such as general environmental administration and management and enforcement of environmental regulations and standard, education and training related to green technologies and practices, increasing public awareness of environmental issues...]	Yes	1	
		No	0	
	h Other environmental goods and services (that benefit the environment or conserve natural resources) not mentioned previously	Yes	1	
		No	0	→6.11
	i Please describe			
		Less than 20%	1	
		Between 20% and 50 %	2	
		More than 50%	3	
6.12 During the past month, did you use one or more of the following environmental technologies and practices at your worksite in order to reduce the environmental impact of your establishment's operations or to make more efficient use of natural resources in the production process?	a Energy from renewable sources [such as electricity, heat or fuel from renewable sources, includes installation and maintenance of equipment (photovoltaic panels, solar panels, etc.)]	Yes	1	
		No	0	
	b Energy and water efficiency [such as water leakage reduction, water recycling, rainwater catchments, low-energy and/or low-water using appliances, efficient energy transmissions, etc.]	Yes	1	
		No	0	
	c Recovery, reuse and recycling of resources and/or substitution of natural resources [Use technologies or practices to reduce the withdrawals of natural resources, or eliminate the creation of waste material as a result of establishment's operations (e.g. collect, recycle and remanufacture glass, metals, paper, rubber, textiles and other waste material and waste water; composting solid waste, etc.)]	Yes	1	
		No	0	
	d Sustainable agriculture, fisheries and forestry [such as practices conserving land, water, and other resources, environmentally non-degrading, technically appropriate, economically viable and socially acceptable]	Yes	1	
		No	0	
	e Prevention, reduction and removal of pollution and air emissions [Such as waste materials, waste water, fumes]	Yes	1	
		No	0	
6.13 During the last month what percentage of your time did you spend researching, developing, maintaining, using or installing technologies and practices reported in 6.12? (Complete only if "yes" to at least one category of environmental processes in 6.12)	f Environmental protection and natural resource conservation [such as protecting biodiversity, water, landscapes, forests, etc.]	Yes	1	
		No	0	
	g Research, planning, maintenance and control of technologies [refers specifically to environment-related research, planning maintenance and control technologies]	Yes	1	
		No	0	
	h Other environmentally friendly technologies and practices not mentioned previously	Yes	1	
		No	0	→6.13
	i Please describe			
		Less than 20%	1	
		Between 20% and 50 %	2	
		More than 50%	3	

Module 7: Agriculture and land use

(Record answer for each respondent. Use respondent ID from module 1)

Record Respondent ID

I will now ask you some questions about agricultural activities. These refer to farming of both animals (animal husbandry) and plants (agronomy, horticulture)

7.1 In the past 12 months, did YOU personally operate any land (including orchards and kitchen gardens) for agricultural purposes or raise or tend any livestock (e.g., fish, shrimp, cattle, goats, chickens, etc.)?	Yes	1	→Next Module
	No	0	
7.2 Was farming MAINLY performed...?	For own use/consumption of the household	1	→7.4
	For sale/ profit	2	
	Wage work	3	
	Leisure, tradition, religion or other	4	
7.3 In the past 12 months, did you individually make any income/monetary gains from agricultural activities related to farming, raising animals?	Yes	1	→7.5
	No	0	
7.4 What is the approximate share of your individual income that came from Agriculture? (include income from selling, trading and handling these materials)	Indicate percentage []		
7.5 In the past three years, have you experienced any of the following soil degradation threats on the land you operate?	Soil erosion (loss of topsoil through wind or water erosion)	1	→7.7
	Reduction of soil fertility	2	
	Waterlogging, including by floods	3	
	Salinization	4	
	Pollution or chemical spill	5	
	Other	-96	
	None of the above	7	
7.6 What would you say is the proportion of land area affected by those soil degradation threats?	Indicate percentage []		
7.7 Did this land use water to irrigate crops during the past 3 years?	Yes	1	→7.12
	No, I don't need irrigation	2	
	No, I can't afford irrigation	3	
	No, there is no water available	4	
7.8 What would you say is the proportion of the land area that is irrigated?	Indicate percentage []		
7.9 What type of water do you use to irrigate your agricultural land?	Freshwater from a stream, river, lake or well	1	
	Piped clean water	2	
	Wastewater (domestic or industrial runoff)	3	
	Greywater (from bathroom sinks, showers, washing machines)	4	
	Rainwater	5	
	Other	-96	
7.10 Are you observing any reduction in the availability of water from your preferred irrigation source?	No, water is always available in sufficient quantity when I need it	0	
	Yes, water from my preferred source is progressively going down/getting scarcer	1	
	Yes, water is increasingly polluted	2	
	I don't know	-98	
7.11 Are there organizations dealing with water allocation in the area where this land is located?	Yes, and they are working well	1	
	Yes, but they are not working well	2	
	No, there are none	3	
	I don't know	-98	
7.12 Did this land use any synthetic or mineral fertilizer or animal manure/slurry for crops during the last 12 months?	Yes	1	→7.16
	No	0	
	I don't know	-98	
7.13 Are you aware of any environmental risks associated with the excessive use or misuse of fertilizer?	Yes	1	→7.16
	No	0	

7.14 Have any specific measures been taken during the last 12 months to mitigate the environmental risks associated with the use of synthetic and mineral fertilizers for this agricultural land?	Yes	1	
	No	0	→7.16
7.15 During the last 12 months, which specific measures were taken or adopted?	Follow protocols (as per extension service/ retail directions / local regulations) not exceeding recommended doses	Yes	1
		No	0
	Use organic source of nutrients (e.g. manure or composting residues) alone or in combination with synthetic or mineral fertilizers	Yes	1
		No	0
	Use legumes as a cover crop, or component of a multicrop or pasture system to reduce fertilizer inputs	Yes	1
		No	0
	Distribute synthetic or mineral fertilizer application over the growing period	Yes	1
		No	0
	Use soil sampling at least every 5 years to perform nutrient budget calculations	Yes	1
		No	0
	Use buffer strips along water courses	Yes	1
		No	0
7.16 During the last 12 months, were any pesticides used on this land for crop or livestock production?	Yes	1	
	No	0	→7.20
7.17 What type of pesticides were used on this land during the last 12 months?	Moderately or slightly hazardous	1	
	Highly/extremely hazardous or illegal	2	
	I don't know	-98	
7.18 Are you aware of any environmental and health risks associated with the use of pesticides?	Yes	1	
	No	0	→7.20
7.19 In the land you use for farming, have any specific measures been taken to protect people from pesticide-related health risks during the past 12 months?	Adherence to label directions for pesticide use (including use of protection equipment)	1	
	Maintenance and cleansing of protection equipment after use	2	
	Safe disposal of waste (cartoons, bottles and bags)	3	
	No, no measures were taken	4	
	Do not know	-98	
7.20 Were any of the following measures taken to avoid other environmental-related risks on the land you use for agriculture or livestock raising?	Adjustment of planting time	Yes	1
		No	0
	Application of crop spacing	Yes	1
		No	0
	Application of crop rotation	Yes	1
		No	0
	Application of mixed cropping	Yes	1
		No	0
	Application of inter-cropping	Yes	1
		No	0
	Perform biological pest control	Yes	1
		No	0
	Use of biopesticides	Yes	1
		No	0
	Adopting pasture rotation to suppress livestock pest population	Yes	1
		No	0
	Systematic removal of plant parts attacked by pests	Yes	1
		No	0
	Adherence to label directions for pesticide application	Yes	1
		No	0
	Maintenance and cleansing of spray equipment after use	Yes	1
		No	0
	Use one pesticide no more than two times or in mixture in a season to avoid pesticide resistance	Yes	1
		No	0
	Use of traditional knowledge for sustainable crop management (e.g. trimming leaves, angling roots so salt water drains off, etc)	Yes	1
		No	0
	Slash and burn	Yes	1
		No	0
	Land fallowing	Yes	1
		No	0

7.21 In this land, are there areas covered by natural or diverse vegetation, including any of the following?	Natural pasture or grasslands	Yes	1	
		No	0	
	Wildflower strips	Yes	1	
		No	0	
	Stone or wood heaps	Yes	1	
		No	0	
	Trees or hedgerows	Yes	1	
		No	0	
	Natural ponds or wetlands	Yes	1	
		No	0	
7.22 What would you say is the share of this land area covered by natural areas of vegetation?	Indicate percentage []			
7.23 What is the percentage of the area where you farm on which crop rotation or crop/pasture rotation involving at least two different crops/pastures of two different plant genus is practiced?	Indicate percentage []			
7.24 During the last 12 months, did the land produce crops / livestock that are certified organic or undergoing organic certification process?	Yes, only crops		1	
	Yes, only livestock		2	
	Yes, both crops and livestock		3	
	No		0	→7.26
	Do not know		-98	→7.26
7.25 What is the organic certification number? (please write out)				
7.26 Who typically makes decisions about land-related activities such as the use of pesticides, fertilizers and related environmental-risk management ?	Myself		1	
	The land owner		2	
	Someone else		3	
7.27 Did you use medically important antimicrobials as growth promoter for your livestock during the last 12 months?	Yes		1	
	No		0	
	Do not know		-98	
	I don't raise livestock		-99	→Next Module
7.28 Who makes decisions regarding the use of these products? (if several people, select the person that makes decisions most often)	Myself		1	
	The livestock owner		2	
	Someone else		3	
7.29 Who in this household typically takes care of the animals you own or raise? (mark one option only -- if task is shared, chose the most relevant answer only)	Livestock Code - Name			
	L01 - Cattle (cows, bulls, yak)	Myself alone	1	
		My male partner	2	
		My female partner	3	
		Me and my partner jointly	4	
		My daughter	5	
		My son	6	
		Other	-96	
		Don't know	-98	
		We don't have this animal	-99	
	L02 - Goats	Myself alone	1	
		My male partner	2	
		My female partner	3	
		Me and my partner jointly	4	
		My daughter	5	
		My son	6	
		Other	-96	
		Don't know	-98	
		We don't have this animal	-99	
	L03 - Sheep	Myself alone	1	
		My male partner	2	
		My female partner	3	
		Me and my partner jointly	4	
		My daughter	5	
		My son	6	
		Other	-96	
		Don't know	-98	
		We don't have this animal	-99	

	L04 - Pigs	Myself alone	1
		My male partner	2
		My female partner	3
		Me and my partner jointly	4
		My daughter	5
		My son	6
		Other	-96
		Don't know	-98
		We don't have this animal	-99
	L05 - Horses	Myself alone	1
		My male partner	2
		My female partner	3
		Me and my partner jointly	4
		My daughter	5
		My son	6
		Other	-96
		Don't know	-98
		We don't have this animal	-99
	L06 - Donkeys	Myself alone	1
		My male partner	2
		My female partner	3
		Me and my partner jointly	4
		My daughter	5
		My son	6
		Other	-96
		Don't know	-98
		We don't have this animal	-99
	L07 - Poultry	Myself alone	1
		My male partner	2
		My female partner	3
		Me and my partner jointly	4
		My daughter	5
		My son	6
		Other	-96
		Don't know	-98
		We don't have this animal	-99
7.30 Do you utilize genetic engineering, ionizing, radiation or sewage sludge to care for these animals? If answers differ for different animal products, indicate what applies for the majority	Yes		1
	No		0
	Do not know		-98
7.31 Do your animal management practices conserve natural resources and biodiversity? If answers differ for different animal products, indicate what applies for the majority	Yes		1
	No		0
	Do not know		-98
7.32 Are these animals allowed year-round access to the outdoors (except under specific conditions such as inclement weather)? If answers differ for different animals, indicate what applies for the majority	Yes		1
	No		0
	Do not know		-98
7.33 Are these animals provided of shade, spacious shelter (sufficient space for animals to lie down), space for exercise, clean drinking water, sheltered pits/heaps to collect manure, direct sunlight and clean, dry bedding? (mark no if any one condition is not met) If answers differ for different animals, indicate what applies for the majority	Yes		1
	No		0
	Do not know		-98

7.34 Are these animals fed a 100% organic diet, except for trace minerals and vitamins used to meet their nutritional requirements? If answers differ for different animals, indicate what applies for the majority	Yes	1	
	No	0	
	Do not know	-98	
7.35 Are these animals managed without antibiotics, growth hormones, mammalian or avian byproducts or other feed ingredients such as urea, manure or arsenic compounds? (mark yes only if all conditions are met) If answers differ for different animal products, indicate what applies for the majority	Yes	1	
	No	0	
	Do not know	-98	
7.36 Are these animals allowed to freely graze/feed in pastures? If answers differ for different animals, indicate what applies for the majority	Yes	1	→Next Module
	No	0	
7.37 Are these pastures owned by yourself or someone you know, or is this wild land? If answers differ for different animals, indicate what applies for the majority	Myself or someone I know	1	→Next Module
	Wild land [e.g. native forage producing land, native forest, native mangrove, etc]	2	
7.38 Do you fence off areas of the pasture and allow rotation of the animals on several pieces of land to prevent overgrazing? If answers differ for different animal products, indicate what applies for the majority	Yes	1	
	No	0	
	Do not know	-98	

Module 8: Environment-related livelihoods

(Record answer for each respondent. Use respondent ID from module 1)

Record Respondent ID

I will now proceed to ask some questions about your livelihoods. These pertain to your engagement in forestry, fisheries, mining, garbage management and other environment-related activities, both for pay or profit, and for household consumption. My questions pertain to your own individual livelihoods, and not those of other household members.

FISHING			
8.1 In the past 12 months, did YOU go fishing or harvesting shellfish, seaweed or other aquatic animals/plants?	Yes	1	→8.16
	No	0	
8.2 Was fishing and harvesting MAINLY performed...?	For own use/consumption of the household	1	→8.4
	For sale/ profit	2	
	Wage work	3	
	Leisure, tradition, religion or other	4	
8.3 In the past 12 months, did you individually make any income/monetary gains from activities related to fishing/ harvesting of aquatic animals/plants?	Yes	1	→8.5
	No	0	
8.4 What is the approximate share of your individual income that came from it? (include income from selling, trading and handling these materials)	Insert percentage []		
8.5 To identify your fishing/harvesting sites, size and type of catch, do you look at official/formal information regarding fish stock status?	No, I don't know where to find that information	1	
	No, I don't believe the information is accurate	2	
	Yes, I often look at the information to inform my fishing activity	3	
	I do not know	-98	
8.6 Has the size of your catch decreased, increased or remained unchanged since you started fishing there?	The total amount of catch has increased	1	
	The total amount of catch has decreased	2	
	The total amount of catch has remained unchanged	3	
	I do not know	-98	
8.7 Has the total amount resources (e.g. time, equipment, effort) you allocate to fishing/harvesting, increased or remained unchanged since you started fishing there?	It has increased	1	
	It has decreased	2	
	It has remained unchanged	3	
	I do not know	-98	
8.8 Do you fish/harvest in the same sites you fished 10 years ago? If several responses apply, select the most relevant only	No, previous fisheries are now depleted or have low productivity	0	
	No, previous fisheries are now polluted	2	
	No, I found a more productive location	3	
	No, I found a more convenient location	4	
	No, rules and regulations prevent me from fishing there	5	
	No, I didn't use to fish then	6	
	Yes, I fish in the same sites	1	
8.9 Of your average daily catch, what would you say is the proportion of by-catch / unwanted catch?	Insert percentage []		
8.10. Has the proportion of by-catch increased in the past 10 years?	Yes, it has increased	1	
	No, it has not increased	0	
8.11 Do you generate and submit reports of your total catch, by species?	Yes, I submit reports on the total catch for the main species and secondary species	1	
	Yes, I submit reports of the total catch only for the main species	2	
	I submit reports of the total catch but not by species	3	
	I submit reports but not after every fishing trip	4	
	I don't usually submit reports	5	
	I don't know	-98	

8.12 What fishing methods do you typically employ (Select all that apply)	8.12.a. Purse Seine	Yes	1	
		No	0	
	8.12.a.a. Other Seine	Yes	1	
		No	0	
	8.12.b. Trawling	Yes	1	
		No	0	
	8.12.c. Gillnets	Yes	1	
		No	0	
	8.12.d. Long line fishing	Yes	1	
		No	0	
	8.12.e. Pole fishing	Yes	1	
		No	0	
	8.12.f. Fishing traps	Yes	1	
		No	0	
	8.12.g. Diving / harpoon fishing	Yes	1	
		No	0	
	8.12.h. Dynamite fishing	Yes	1	
		No	0	
	8.12.i. Gleaning (hand collection)	Yes	1	
		No	0	
	8.12.j. Dredging	Yes	1	
		No	0	
	8.12.k. Cast nets	Yes	1	
		No	0	
	8.12.l. Line traps	Yes	1	
		No	0	
	8.12.m. Other	Yes	1	
		No	0	
8.13 Do you have (or are you currently in the process of obtaining) certification for sustainable or eco-friendly fishing/ harvesting practices being implemented during the last 12 months?	Yes		1	
	No		0	→8.15
	I don't know		-98	→8.15
8.14 What is the certification number and certification body?	Insert number [] and name of body []			
8.15 What do you do with damaged or spent fishing gear after use?	Discard/dump on land		1	
	Discard/dump in ocean or other body of water		2	
	Bring to recycling or reusing facility		3	
8.16 In the past 12 months, did YOU do any sorting, cleaning or processing of fish, shellfish, seaweed or other freshly harvested aquatic animal/plant or engage in related activities?	Yes		1	
	No		0	→8.21
8.17 Please indicate the exact activities in which you engaged	Pre-harvest activities (e.g. net mending; preparing bait; setting hooks; preparing aquaculture ponds; preparing aquaculture structures before deployment or any other similar activities)		1	
	Post-harvest activities (e.g. offloading boats; sorting catch; cleaning/picking nets; sorting aquaculture harvest; processing/smoking or otherwise transforming products)		2	
	Marketing activities (e.g. selling to buyers, in markets, to restaurants; buying/selling products as an intermediary; fishmonger; fish/seafood/ seaweed wholesaler)		3	
	Other		-96	
8.18 Were these activities MAINLY performed...?	For own use/consumption of the household		1	
	For sale/ profit		2	
	Wage work		3	→8.20
	Leisure, tradition, religion or other		4	
8.19 In the past 12 months, did you individually make any income/monetary gains from activities related to fishing or harvesting of sea animals/plants (including processing)?	Yes		1	
	No		0	→8.21
8.20 What is the approximate share of your individual income that came from ...? (include income from selling, trading and handling these materials)	Insert percentage []			
8.21 Do you participate in any fishery management group or any other body where you can contribute to fish stock management or sustainable resource management in the area where you fish and/or to promoting sustainable fishing/harvesting methods?	Yes		1	
	No		0	

AQUACULTURE

8.22 In the past 12 months, did you tend to aquaculture (farming of fish or other aquatic animals or plants)?	Yes	1	→8.32
	No	0	
8.23 Was aquaculture MAINLY performed...?	For own use/consumption of the household	1	→8.25
	For sale/ profit	2	
	Wage work	3	
	Leisure, tradition, religion or other	4	
8.24 In the past 12 months, did you individually make any income/monetary gains from activities related to aquaculture ?	Yes	1	→8.26
	No	0	
8.25 What is the approximate share of your individual income that came from it? (include income from selling, trading and handling these materials)	Insert percentage []		
8.26 What is the size of your aquaculture pond / area?	Enter size and unit of measure		
8.27 Where is your aquaculture pond / area located?	Land	1	
	Ocean	2	
	River	3	
	Other	-96	
	I do not know	-98	
8.28 What is the share of animals or plants that you estimate escape from your aquaculture area?	Insert percentage []		
8.29 Do you use pesticides or antibiotics in your aquaculture operation?	Yes, both pesticides and antibiotics	1	
	Yes, only pesticides, not antibiotics	2	
	Yes, only antibiotics, not pesticides	3	
	No, I don't use either	0	
	I do not know	-98	
8.30. Do you use feed in your aquaculture operation?	Yes	1	
	No	0	
	I do not know	-98	
8.31 Who makes decisions regarding the use of these products? (if several people, select the person that makes decisions most often)	Myself	1	
	The pond owner	2	
	Someone else	3	

COLLECTING PLANTS, TIMBER, WILDLIFE AND OTHER FOREST PRODUCTS

8.32. In the past 12 months, did you gather wild edible plants, insects or their products (such as mushrooms, fruits, berries, nuts, seeds and other wild plants, insects, honey...)?	Yes	1	→8.36
	No	0	
8.33 Was gathering wild food MAINLY performed...?	For own use/consumption of the household	1	→8.35
	For sale/ profit	2	
	Wage work	3	
	Leisure, tradition, religion or other	4	
8.34 In the past 12 months, did you individually make any income/monetary gains from these products?	Yes	1	
	No	0	
8.35 What is the approximate share of your individual income that came from gathering wild plants, insects and their products (including income from selling, trading and handling these materials)?	Insert percentage []		
8.36 In the past 12 months, did you gather firewood, timber or other wild plant-based fuels (shrubs, branches)?	Yes	1	→8.40
	No	0	
8.37 Was gathering fuels MAINLY performed...?	For own use/consumption of the household	1	→8.39
	For sale/ profit	2	
	Wage work	3	
	Leisure, tradition, religion or other	4	
8.38 In the past 12 months, did you individually make any income/monetary gains from these fuel products?	Yes	1	→8.40
	No	0	
8.39 What is the approximate share of your individual income that came from gathering firewood and other plant-based fuels (including income from selling, trading and handling these materials)?	Insert percentage []		

8.40 In the past 12 months, did you gather other non-edible wild plant products [such as saps, resins, bark, bamboo, rattan, thatch grass, palm leaves or other construction materials or fibers]?	Yes No	1 0	→8.44
8.41 Was gathering non-edible wild plant products MAINLY performed...?	For own use/consumption of the household For sale/profit Wage work Leisure, tradition, religion or other	1 2 3 4	→8.43
8.42 In the past 12 months, did you individually make any income/monetary gains from these wild plant products?	Yes No	1 0	→8.44
8.43 What is the approximate share of your individual income that came from these wild plant products (including income from selling, trading and handling these materials)?	Insert percentage []		
8.44 In the past 12 months, did you hunt or harvest any forest animals [birds, snakes, frogs, deer, rodents, monkeys, bears, wild cats, rabbits, lizards, etc]?	Yes No	1 0	→8.49
8.45 In the past 12 months, did you go hunting for any of the following?	Mammals Reptiles Amphibians Birds Snails Other animals	1 2 3 4 5 6	
8.46 Was hunting MAINLY performed...?	For own use/consumption of the household For sale/profit Wage work Leisure, tradition, religion or other	1 2 3 4	→8.48
8.47 In the past 12 months, did you individually make any income/monetary gains from activities related to hunting?	Yes No	1 0	→8.49
8.48 What is the approximate share of your individual income that came from hunting (including income from selling, trading and handling these materials)?	Insert percentage []		
8.49 In the past 12 months, did you gather forest products (such as leaves, seeds, bark, wood, feathers, bones, other animal materials) for the creation of cultural products [such as crafts, garments, jewelry, rugs, ornaments, musical instruments, performances or related products]?	Yes No	1 0	→8.53
8.50 Was the gathering of these products MAINLY performed...?	For own use / consumption of the household For sale/profit As wage work Leisure, tradition, religion or other	1 2 3 4	→8.52
8.51 In the past 12 months, did you individually make any income/monetary gains from activities related to these cultural products?	Yes No	1 0	→8.53
8.52 What is the approximate share of your individual income that came from these cultural products (including selling, trading and using the products and handling the materials)?	Insert percentage []		
8.53 In the past 12 months, did you perform any of the activities mentioned above (collecting plants, fuel, animals, other forest materials) in wild forest areas/ wild pastures/wild wooded land (natural forest, not artificially planted, including wild mangroves)?	Yes No	1 0	
8.54 In the past 12 months, did you bring your animals to graze in wild forest areas, pastures or wooded land?	Yes No	1 0	If 8.49 = 0 & 8.54 = 0 → 8.59
8.55 Did you put in place any of the following measures to ensure the availability of the forest resources in the long term? [if several measures have been used, use that used most frequently]	Replanting or repopulating Selection of specimen (leaving eggs, young animals, seedlings, etc. untouched) Following or intermittent collection Following rules/guidance for regeneration and protection of ecosystems, such as periodic/temporary closing of select areas Alternating grazing periods and/or grazing locations Other measures to preserve the availability of these materials I did not put in place any conservation measures	1 2 3 4 5 6 7	
8.56 What is the approximate size of the wild forest/pasture/wooded land area you used?	[] Km2 (replace with most commonly used unit of measurement if necessary, and indicate unit of measurement)		

8.57 Would you say that the wild area you use [forest, pastures, wooded land] has changed in the past 10 years?	Yes, the total forest, pasture or wooded area has decreased	1
	Yes, the total forest, pasture or wooded area has increased	2
	Yes, I cannot find the same variety and quantity of animals and plants as I used to find	3
	Yes, the area is now dryer	4
	Yes, the area is now flooded/more humid	5
	Yes, the area is now polluted	6
	The area no longer exists (was industrialized, privatized or logged)	7
	The area is permanently damaged by weather events (previous flood/draught/other	8
	No, it hasn't changed	0
8.58 What is the MAIN use of wild forest/ pastures/ wild wooded land [including mangroves] for you? [pick one only. The main use should be that for which you spent the most time]	Timber or firewood collection (own use)	1
	Timber or firewood collection (other use)	2
	Harvesting of edible plants and fungi (flowers, mushrooms, others)	3
	Harvesting of wildlife (mammals, reptiles, amphibians, birds, snails, insects and other wildlife)	4
	Harvesting honey or other animal/insect products	5
	Harvesting of non-edible plants and construction materials	6
	Gathering of other forest products (leaves, seeds, bark, feathers, bones, other)	7
	Livestock grazing	8
	Other	-98
8.59 Do you participate in any forest groups or communal land governance groups?	Yes	1
	No	0

FOOD AND BEVERAGE PROCESSING/PRESERVATION AND STORAGE

8.60 In the past 12 months, did you process or preserve food for storage, [such as flour, dried fish, dried vegetables, spices, butter, cheese, ...] ?	Yes	1	→8.64
	No	0	
8.61 Was processing or preserving food for storage, MAINLY performed...?	For own use/consumption of the household	1	→8.63
	For sale/ profit	2	
	Wage work	3	
	Leisure, tradition, religion or other	4	
8.62 In the past 12 months, did you individually make any income/monetary gains from these activities?	Yes	1	→8.64
	No	0	
8.63 What is the approximate share of your individual income that came from it? (include income from selling, trading and handling these materials)	Food and beverage processing, preservation and storage []		

GARBAGE PICKING/SORTING/RECYCLING

8.64 In the past 12 months, did you pick, sort or recycle any garbage, refuse or leftover besides garbage produced by your own household?	Yes	1	→8.75
	No	0	
8.65 Was picking, sorting or recycling of garbage, refuse or leftover MAINLY performed...?	For own use/consumption of the household	1	→8.67
	For sale/ profit	2	
	Wage work	3	
	Leisure, tradition, religion or other	4	
8.66 In the past 12 months, did you individually make any income/monetary gains from these activities?	Yes	1	→8.68
	No	0	
8.67 What is the approximate share of your individual income that came from garbage? (include income from selling, trading and handling these materials)	Insert percentage []		
8.68 Did anyone else in your household receive remuneration (monetary or in-kind) for these activities you performed?	No	0	
	Yes, my husband/wife/partner	1	
	Yes, someone else	2	
8.69 For equal amounts and types of refuse, do you receive the same amount of remuneration/wage as everyone else in the recycling facility or selling point you use?	Yes, remuneration is identical regardless of the characteristics of the seller	1	
	No, men receive higher remuneration	2	
	No, women receive higher remuneration	3	
	No, experienced garbage pickers (long-term clients) receive higher remuneration	4	
	No, someone else receives higher remuneration	5	
	Don't know	-98	

8.70 What are the main materials you collect/sort/recycle most often?	Cardboard, plastic or other low-value materials	1	
	Scrap metal, aluminium or other high value materials	2	
	Both low and high value	3	
	Don't know	-98	
8.71 Do you use any equipment to perform this activity?	Mostly sacks, bags, baskets	Yes	1
		No	0
	Carts or bicycles	Yes	1
		No	0
	Small motorized vehicles	Yes	1
		No	0
8.72 Do you mostly perform this activity alone or with someone else?	Protective gear	Yes	1
		No	0
	Alone	1	
	With my husband/wife/partner	2	
8.73 Have you ever been in a situation when you felt unsafe picking, sorting, or recycling garbage (including at recycling and selling points)?	With another family member	3	
	With someone else	4	
	Yes	1	
	No	0	
8.74 As a result of garbage picking/sorting/recycling, have you experienced any of the following?	Don't know	-98	
	Skin or other external disease	Yes	1
		No	0
	Digestive or other internal disease	Yes	1
		No	0
	Stigma	Yes	1
		No	0
	Severe injury, trauma or amputation	Yes	1
		No	0

MINING/OIL PUMPING

8.75 In the past 12 months, did you mine or extract materials such as [oil, gold, copper, stones, coal...]? →8.81	Yes	1	
	No	0	
8.76 Was mining or extracting materials such as [oil, gold, copper, stones, coal...] MAINLY performed...? →8.78	For own use/consumption of the household	1	
	For sale/profit	2	
	Wage work	3	
	Leisure, tradition, religion or other	4	
8.77 In the past 12 months, did you individually make any income/monetary gains from these activities? →8.79	Yes	1	
	No	0	
8.78 What is the approximate share of your individual income that came from it? (include income from selling, trading and handling these materials)	Insert percentage []		
8.79 Have you followed any of the following practices in tandem with your mining/oil pumping activities?	Sold or donated waste rocks to construction sites or other sites for re-use	Yes	1
		No	0
	Sold or moved tailings to construction sites for re-use	Yes	1
		No	0
	Used biosolids to replenish depleted topsoil	Yes	1
		No	0
	Recycled water used during extraction (for further extraction)	Yes	1
		No	0
	Treated refuse water to neutralize bacterial contaminants	Yes	1
		No	0
	Discarded refuse to water streams, aquifers or oceans	Yes	1
		No	0
	Buried refuse on nearby land	Yes	1
		No	0
	Stripped topsoil to expand mining site	Yes	1
		No	0

8.80 Have you experienced any of the following issues in the last 12 months?	Respiratory disease	Yes	1
		No	0
	Skin disease	Yes	1
		No	0
	Liver problems, such as cancer	Yes	1
		No	0
	Esophagus problems, such as cancer	Yes	1
		No	0
	Increased incidence of disease among my livestock	Yes	1
		No	0
	Insect and crustacean plagues affected my livelihood (harvest, catch, etc)	Yes	1
		No	0

WATER COLLECTION

8.81 In the past 12 months, did you fetch water?	Yes	1	→8.86
	No	0	
8.82 Was fetching water MAINLY performed...?	For own use/consumption of the household	1	→8.84
	For sale/ profit	2	
	Wage work	3	
	Leisure, tradition, religion or other	4	
8.83 In the past 12 months, did you individually make any income/monetary gains from activities?	Yes	1	→8.85
	No	0	
8.84 What is the approximate share of your individual income that came from it? (include income from selling, trading and handling these materials)	Insert percentage []		
8.85 During the last 12 months, have you ever felt unsafe or worried about your surroundings in the process of water or firewood collection?	Yes, I have felt unsafe at least once	1	
	Yes, I have often felt unsafe	2	
	No, I have never felt unsafe when collecting fuel or water	0	
8.86 Do you participate in any water management committees?	Yes	1	
	No	0	

Module 9: Asset ownership

(Record answer for each respondent. Use respondent ID from module 1)

Record Respondent ID

The following questions pertain to different assets you may personally own, including your home, agricultural land, agricultural equipment and others. Please note most of these questions are about ownership and not use.

9.1 Do you currently own or hold use rights for any agricultural land (including pastoral land), either alone or jointly with someone else? <small>[if more than one parcel, refer to the largest]</small>	Yes, alone	1	→9.8
	Yes, with someone else	2	
	No	0	
9.2 Is there a document for any of the agricultural land you own or hold use rights to that is issued by or registered at the Land Registry/Cadastral Agency, such as a title deed, certificate of ownership, certificate of hereditary acquisition, lease or rental contract?	Yes	1	→9.5
	No	0	
	Don't know	-98	
9.3 What type of documents are there for the agricultural land you own or hold use rights to? (list up to three) <small>[LIST OF DOCUMENTS PROVIDED IS INDICATIVE. INCLUDE ALL DOCUMENTS RECOGNIZED BY NATIONAL LAW ACCORDING TO NATIONAL LAND TENURE SYSTEM]</small>	Title deed	1	
	Certificate of customary ownership	2	
	Certificate of occupancy	3	
	Certif. of hereditary acquisition listed in registry	4	
	Survey plan	5	
	Rental contract, registered	6	
	Lease, registered	7	
	Other	-96	
9.4 Is your name listed on any of the documents as owner or rights use holder	Yes	1	
	No	0	
	Don't know	-98	
	Refuse	-99	
9.5 Do you have the right to sell any of the agricultural land you own or hold use rights to, either alone or jointly with someone else?	Yes	1	
	No	0	
	Don't know	-98	
	Refuse	-99	
9.6 Do you have the right to bequeath any of the agricultural land you own or hold use rights to, either alone or jointly with someone else?	Yes	1	
	No	0	
	Don't know	-98	
	Refuse	-99	
9.7 What is the size of the total agricultural land you own? <small>If less than 1, record "00". If unknown, record "98". Use km2 or measure most suitable in country</small>	Alone: (Specify unit) (.....) Amount [...] Jointly: (Specify unit) (.....) Amount [...]		
9.8 Do you own any large agricultural equipment, such as tractors, ploughs, irrigation systems or trailers?	Yes	1	→9.13 →9.13
	No	0	
	Refuses to respond	-99	
9.9. Please list each piece of large agricultural equipment that you own exclusively or jointly with someone else.	E01		
	E02		
	E03		
	E04		
	E05		
	E06		
	E07		
9.10. Does anyone jointly own this [agricultural equipment] with you, including household members and non-household members? <small>(record for every piece)</small>	Yes	1	
	No	0	
9.11. Do you have the right to sell this [agricultural equipment]? <small>(record for every piece)</small>	Yes, alone	1	
	Yes, jointly with one or more persons	2	
	No, someone else has this right	3	
	No, it cannot be sold	4	
9.12. Do you have the right to bequeath this [agricultural equipment]? <small>(record for every piece)</small>	Yes, alone	1	
	Yes, jointly with one or more persons	2	
	No, someone else has this right	3	
	No, it cannot be bequeathed	4	
9.13 Do you own any large fishing equipment, such as boats, radars, dredgers, fish tugs, motors, trawling nets, etc. ?	Yes	1	→9.18 →9.18
	No	0	
	Refuses to respond	-99	

9.14. Please list each piece of large fishing equipment that you own exclusively or jointly with someone else.	F01		
	F02		
	F03		
	F04		
	F05		
	F06		
	F07		
9.15. Does anyone jointly own this [fishing equipment] with you, including household members and non-household members? (record for every piece)	Yes	1	
	No	0	
9.16. Do you have the right to sell this [fishing equipment]? (record for every piece)	Yes, Alone	1	
	Yes, jointly with one or more persons	2	
	No, someone else has this right	3	
	No, it cannot be sold	4	
9.17. Do you have the right to bequeath this [fishing equipment]? (record for every piece)	Yes, alone	1	
	Yes, jointly with one or more persons	2	
	No, someone else has this right	3	
	No, it cannot be bequeathed	4	
9.18 Do you own this dwelling?	Yes, alone	1	
	Yes, jointly with someone else	2	
	No, someone else is the owner	3	→9.23
	Refuses to respond	-99	→9.23
9.19 Is there an ownership document for the dwelling?	Yes	1	
	No	0	
	Do not know	-98	
9.20 Are you listed as an owner on the ownership document for the dwelling?	Yes, alone	1	
	Yes, jointly with someone else	2	
	No	0	
9.21 Do you have the right to sell this dwelling?	Yes, exclusively	1	
	Yes, jointly	2	
	No	0	
9.22 Do you have the right to bequeath this dwelling?	Yes, exclusively	1	
	Yes, jointly	2	
	No	0	
9.23 Do you currently own any of the following: a bank account, a microfinance account, an informal savings programme, stocks and shares, a pension fund, life insurance or another type of account?	Yes	1	
	No	0	→Next Module
9.24 Please list each financial asset that you own (bank account, microfinance account, savings programme, stocks, shares, pension fund, life insurance, other), exclusively or jointly.	M01		
	M02		
	M03		
	M04		
	M05		
	M06		
	M07		
9.25. Is your name on the account as an owner? (record for every asset)	Yes, alone	1	
	Yes, jointly with one or more persons	2	
	No, someone else's name is there	3	

Module 10: Decision making and mobility

Record Respondent ID

I will now ask some questions regarding decision-making in your household. Please try to provide sincere answers according to your perceptions.

(Record answer for each respondent. Use respondent ID from module 1)

For questions 10.1 to 10.7, ask only partnered people

10.1 Who in your household decides how the money you earn will be used?	Myself alone	1	
	My partner alone	2	
	Me and my partner jointly	3	
	Someone else	4	
	We haven't made any decisions on this matter	5	
10.2 Who usually makes decisions regarding purchases of farm animals?	Myself alone	1	
	My partner alone	2	
	Me and my partner jointly	3	
	Someone else	4	
	We haven't made any decisions on this matter	5	
10.3 Who usually makes decisions regarding purchases of agriculture and farming products (e.g. seeds, pesticides, antibiotics, fishing nets, etc.)?	Myself alone	1	
	My partner alone	2	
	Me and my partner jointly	3	
	Someone else	4	
	We haven't made any decisions on this matter	5	
10.4 Who usually makes decisions regarding the selling of farming products (e.g. farming yields, animals, excess products from subsistence farming, etc.)	Myself alone	1	
	My partner alone	2	
	Me and my partner jointly	3	
	Someone else	4	
	We haven't made any decisions on this matter	5	
10.5 Who usually makes decisions regarding purchases of petrol / gas / fuel?	Myself alone	1	
	My partner alone	2	
	Me and my partner jointly	3	
	Someone else	4	
	We haven't made any decisions on this matter	5	
10.6 Who usually makes decisions regarding household garbage management (e.g. recycling, disposal, etc.)?	Myself alone	1	
	My partner alone	2	
	Me and my partner jointly	3	
	Someone else	4	
	We haven't made any decisions on this matter	5	
10.7 Who usually makes decisions regarding your daily use of means of transportation (e.g. car vs. motorcycle vs. public transportation, etc.)?	Myself alone	1	
	My partner alone	2	
	Me and my partner jointly	3	
	Someone else	4	
	We haven't made any decisions on this matter	5	
10.8 In a normal day, do you typically use public transportation?	Yes, I use public transportation sometimes	1	
	Yes, I use public transportation often	2	
	No, I use a private vehicle	3	→10.13
	No, I don't need to go far	4	→10.13
	No, I cannot afford public transportation	5	→10.13
	No, no public transportation exists near my home	6	→10.13
	No, no public transportation reaches the desired destination	7	→10.13
	No, I don't feel safe in public transportation	8	→10.13
	No, public transportation is too slow or inconvenient	9	→10.13
10.12 What kind of public transportation do you typically use the most?	Bus	1	
	Subway / Metro / Skytrain / Monorail	2	
	Tram	3	
	Taxi	4	
	Motorbike taxi	5	
	Shared van	6	
	Rikshaw	7	
	Motorized rikshaw or bike with sidecar	8	
	Public Boat / Ferry	9	
	Other	-96	
10.13 What private mean of transportation do you use the most? (excludes public transit)	Bicycle	1	
	Car / Truck	2	
	Motorbike	3	
	Boat	4	
	Motorized rikshaw or bike with sidecar	5	
	Other	-96	
	None	7	→END
10.14 How often do you personally use a private vehicle?	Every day	1	
	Twice a week or more	2	
	At least once a week	3	
	More than once a month but not every week	4	
	Once a month or less	5	

End of Questionnaire

Record Respondent ID

ENUMERATOR: ENTER RESPONSE CODE FOR COMPLETION STATUS OF INDIVIDUAL QUESTIONNAIRE: Reason(s) the interview was not fully completed or not administered should be explained.	Completed	11	→End of interview →End of interview →End of interview →End of interview →End of interview →End of interview →End of interview →End of interview →End of interview →End of interview →End of interview →End of interview
	Partially completed	12	
	Non-contact	21	
	Not interviewed, refusal	22	
	Other non-response	23	
	Unoccupied dwelling	31	
	Residents of dwelling absent	32	
	Demolished	33	
	New dwelling under construction	34	
	Status changed	35	
	Listing Error	36	
	Not interviewed, Non-household member	37	
	End-2. Manner in which individual interview conducted	Simultaneously	
Sequentially		2	
Other		-96	
Not applicable, only 1 individual interview in this household		4	
End-3. Enumerator: did you have to revisit the household, in order to interview the respondent?	Yes	1	→End-5
	No	0	
End-4. Enumerator: indicate the number of revisits you made to the household, in order to interview respondent.	Enter number of revisits []		
End-5. Enumerator: do you have any remarks regarding this individual questionnaire? please write down the remarks indicating the section and question number to which they apply.	Yes	1	
	No	0	

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