

Version 6 (May, 2023)

# **0 INTRODUCTION**

Adjust to reflect country-specific identifying information, such as region name/code, district name/code, county name/code, name of the household head and household location (as per listing form)

	(	CODE						NAME
1. DISTRICT:								
2. ENUMERATION AREA:								
3. PLACE / VILLAGE NAME:								
4. HOUSEHOLD ID (FROM LIST):								
5. ENUMERATOR CODE:								
6. ENUMERATOR NAME:								
7. INTERVIEW DATE AND TIME:		DA	TE	START		END		8. GPS COORDINATES OF THE DWELLING:
	Attempt 1							
	Attempt 2							A. LATITIUDE (N) B.
	Attempt 3							[] ° [] . [ ] . [] N
				нн	ММ	НН	MM	

ENUMERATOR: GO TO THE HOUSEHOLD NOW AND SEEK OUT A PRIMARY RESPONDENT. A PRIMARY RESPONDENT MUST BE A PERSON THAT CAN SPEAK ON BEHALF OF ALL HOUSEHOLD MEMBERS OR THE HOUSEHOLD AS A SINGULAR UNIT. THE PRIMARY RESPONDENT SHOULD BE AN ADULT HOUSEHOLD MEMBER KNOWLEDGEABLE ABOUT THE HOUSEHOLD'S COMPOSITION AND THAT HAS LIVED FOR AT LEAST FIVE YEARS IN THE LOCALITY. INDIVIDUALS SHOULD SELF-REPORT THEIR DEMOGRAPHIC INFORMATION. WHEN THIS IS NOT POSSIBLE (IF ADULTS ARE ABSENT DURING THE INTERVIEW OR CHILDREN ARE TOO YOUNG TO RESPOND ON THEIR OWN), THEN THE PRIMARY RESPONDENT OR ANOTHER KNOWLEDGEABLE HOUSEHOLD MEMBER CAN SERVE AS THEIR PROXY.

LONGITUDE (E) ]°[ | 1'E 1 [

IF YOU FIND THE HOUSEHOLD AND SOMEONE IS ANSWERING THE DOOR, INTRODUCE YOURSELF TO THE HOUSEHOLD. READ THE FOLLOWING TEXT.

*Country specific text. Mention the following:* 

*i) Institution responsible of the survey* 

*ii)* Survey objectives and household selection protocol

*iii)* Confidentiality of the information collected during the interview

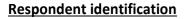
*iv) Profile of the most appropriate respondent for this survey* 

# Interview filters

9. Is it possible to start the interview?

YES..1 ► 11 NO...2

10. Reason why the household cannot be interviewed.



Register the name, address and phone number of the respondent

11. FULL NAME:

12. ADDRESS:

**13. TELEPHONE NUMBER** 

14. MAIN LANGUAGE SPOKEN AT HOME:

15. LANGUAGE OF THE INTERVIEW:

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# SECTION 1: HOUSEHOLD ROSTER

#### The following questions should be asked to the respondent:

1. What is the sex of [NAME]? MALE1 FEMALE2	2. What is [NAME]'s relationship to the head of household? HEAD		status?	5. What is the highest educational level [NAME] has completed? NURSERY/ PRE-SCHOOL1 PRIMARY2 SECONDARY3 TERTIARY4	6. Which of the following activity generates most of the income/livelihoods of the household? (This question would be used as a filter for displaying the Agriculture module). FAMILY GARDEN	7. (Only if Q6=1,2,3, 4 o 6) The land that you operate for agriculture purposes is: MAINLY OWNED1 MAINLY RENTED2 COMMUNAL3 STATE OWNED4	8. What is the total area occupied by your dwelling and any productive or idle land? IF LOCAL UNITS OF AREA ARE USED, ENSURE THAT THEY ARE RECORDED AND CONVERTED TO METRIC EQUIVALENTS.	9. (only if Q6=5) Where do you go fishing? (Select all that apply) COASTAL REEF1 LAGOON2 OUTER REEF3 MANGROVE4 PELAGIC/OPEN OCEAN5 OTHER (SPECIFY)6	10. (only if Q6=5) Are the vessels and other fishing assets: MAINLY OWNED1 MAINLY RENTED2 COMMUNAL3 PROVIDED BY THE FISHING TRIP ORGANIZER4		12.         Please provide an estimate of the value of your household's assets (house, infrastructure, machinery, land, etc.): (Ranges to be set by countries)         BELOW X11         BELOW X11         BETWEEN X1 AND X22         BETWEEN X2 AND X33         ABOVE X34
CODE	CODE	YEARS	CODE	LEVEL	CODE	CODE	AREA (ha or m2 or local units)	CODE	CODE	CODE	CODE

### The following questions should be asked to all the household members:

		13.	14.	15.	16.	17.	18.	19.
IN ORDER TO MAKE A COMPREHENSIVE LIST OF INDIVIDUALS CONNECTED TO THE HOUSEHOLD,		NAME	What is the	How old is [NAME]?	(In the case of	What is the highest educational	Does [NAME] have difficultiy(ies):	Does this household
USE THE FOLLOWING PROBE QUESTIONS:			sex of		,	level [NAME] has completed?	(Select all that apply)	member have access to
First, give me the names of all the members of your immediate family who	Т			IF 5 YEARS AND OVER, GIVE	pregnant?			the Internet through a
normally live and eat their meals	D	NORMALLY LIVE AND EAT THEIR MEALS TOGETHER		YEARS ONLY. IF LESS THAN 5				mobile phone?
together here.		IN THIS HOUSEHOLD, STARTING WITH THE HEAD OF HOUSEHOLD (IF THE RESPONDENT IS NOT THE		YEARS IN AGE, GIVE YEARS AND MONTHS.		NURSERY/PRE-SCHOOL1	SEEING1 HEARING2	
WRITE DOWN NAMES AND SEX. LIST HOUSEHOLD HEAD ON LINE 1.	0	HEAD OF HOUSEHOLD).		AND MONTHS.		PRIMARY2	WALKING3 REMEMBERING4	
Then, give me the names of any other	D					SECONDARY	CONCENTRATING5 SELF-CARING6	
persons related to you or other household members who normally live and eat their	Е	(CONFIRM THAT HOUSEHOLD HEAD HERE IS SAME AS HOUSEHOLD HEAD LISTED ON COVER).				TERTIARY4	COMMUNICATING7 NONE	
meals together here.		AS HOUSEHOLD HEAD LISTED ON COVERJ.				NONE OF THE ABOVE5	OTHER (SPECIFI)	
Are there any other persons not here now who normally live and eat their meals						OTHER (SPECIFY)6		
here? For example, household members						official (SELECTET)		
studying elsewhere or traveling.								
Then, give me the names of any other persons not related to you or other								
household members, but who normally live and eat their meals together here, such								
as servants, lodgers, or other who are not relatives.			MALE1 FEMALE2	YEARS/MONTHS	YES1 NO2	LEVEL	DISABILITY	YES1
								NO2
DO NOT LIST SERVANTS WHO HAVE A HOUSEHOLD ELSEWHERE, AND GUESTS WHO ARE VISITING	1							
TEMPORARILY AND HAVE A HOUSEHOLD ELSEWHERE.	2							
	3							
IF MORE THAN 15 INDIVIDUALS, USE SECOND QUESTIONNAIRE. MAKE SURE TO MARK BOX ON	4							
FIRST PAGE OF BOTH QUESTIONNAIRES.	5							
	6							
	7							
	1							
	8							
	9							
	#							
	#							
	#							
	#							
	#							
	#							
	"			1		1		

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# **SECTION 2: HOUSING CONDITIONS**

1.	2.	3.	4.	5.			6.			7.	8.		
Is your dwelling:	What is the construction material of the outside walls of the dwelling?	What is the construction material of the roof of the dwelling?	Is your dwelling located in:	What is the approximate distance road? (If there are no paved roads, writ write NA)			What is the approximate distance ( <i>if there is no port write 999, if th</i> IN SMALLER ISLANDS MAIN PORT IF LOCAL UNITS OF DISTANCE ARE AND CONVERTED TO METRIC EQU	e respondent does not know T CAN BE A JETTY OR EVEN A E USED, ENSURE THAT THEY	w write NA) A CALM BEACH	Is your dwelling located near the following ecosystems:	How far is it from the dwelli ecosystem that you have ac	° °	t natural or managed
DWNED 1 BEING PURCHASED 2 EMPLOYER PROVIDED 3 FREE, AUTHORIZED 4 FREE NOT AUTHORIZED 5 DTHER (SPECIFY)7	NATURAL MALLS CANE/FALM/TRUNKS1 DIRT2 RUDIMENTARY WALLS BAMBOO WITH MUD3 SONG WITH MUD5 NUMBER MUD5 CARDBOARD5 REUSED WOOD8 CARDBOARD9 STONE WITH LIME/CEMENT9 STONE WITH LIME/CEMENT	NO ROOF	LAND-GLIDE PRONE AREA1 FLOODPLAIN AREA2 TIDAL RISE FRONE AREA3 COASTAL FLOOD PROME AREA3 OTHER NATURAL HAZARDS PRONE AREAS6 NOME OF THE ABOVE7 I DO NOT KNOW	a. Measured in terms of distance (one way)? IF LOCAL UNITS OF DISTANCE ARE USED, ENSURE THAT THEY ARE RECORDED AND CONVERTED TO METRIC EQUIVALENTS.	b. Measured in minutes (o mode of transport (CHOOS USED BY HOUSEHOLD) 1 = walking; 2 = boat; 3 = o 99 = other, specify:	SE MAIN MODE	IF LOCAL UNITS OF DISTANCE ARE USED, ENSURE THAT THEY ARE	<ul> <li>b. Measured in minutes (one mode of transport (CHOOSE USED BY HOUSEHOLD)</li> <li>1 = walking; 2 = boat; 3 = car 99 = other, specify:</li> </ul>	MAIN MODE	NATURAL FOREST	a. Measured in terms of distance (one way)? IF LOCAL UNITS OF DISTANCE ARE USED, ENSURE THAT THEY ARE RECORDED AND CONVERTED TO METRIC EQUIVALENTS.	b. Measured in minutes (one transport (CHOOSE MAIN MC 1 = walking; 2 = boat; 3 = car, other, specify:	DE USED BY HOUSEHOLD)
CODE	CODE	CODE	CODE	DISTANCE (km or mi or local units)	TRANSPORT CODE	TIME (min)	DISTANCE (km or mi or local units)	TRANSPORT CODE	TIME (min)	CODE	DISTANCE (km or mi or local units)	TRANSPORT CODE	TIME (min)

9.	10.	11.	12.	13.	14.	15.	16.	17.	18.
<pre>y. What is the primary source of electricity used regularly by your household? (Source of electricity to be customized per country)  ELECTRICITY GRID1 LOCAL MINI-GRID2 GENERATOR3 SOLAR LANTERN/LIGHTING SYSTEM5 RCHEREPADE TYTERY/LIGHTING SYSTEM.5 RCHEREPADE TYTERY</pre>			12.         What is the main source of drinking water for this household?         MOST FREQUENTLY USED SOURCE         THROUGHOUT THE YEAR, EVEN IF NOT CURRENTLY IN USE.         (Source of drinking water to be customized per country)         PIPED INTO DWELLING1         PIPED INTO DWELLING2         PIPED INTO DWELLING	In the last 30 days, how many days did your household not have sufficient water	T44.         What is the primary type of toilet facility used by your household?         (Type of toilet to be customized per country)         FLUSH/POUR FLUSH         FLUSH TO FIDED SEWER SYSTEM.         FULSH TO FIDED SEWER SYSTEM.         FIT LATRINE WITHOUS SLAPSONE FIT SEWER.         SCHMERGSING TOILET/HANGING LATRINE	What is the most commonly used fuel or	Is your house connected	days, how many days	Does this household have access to Early Warning Information on disasters?
CODE	HOURS	NUMBER OF BLACKOUTS	CODE	NUMBER OF DAYS	CODE	CODE	CODE	NUMBER OF DAYS	CODE

### SECTION 3: CLIMATE CHANGE PERCEPTIONS

1. According to you, what best defines climate change? (Select all that apply)	Rise in terrestrial temperatures1 Rise in sea temperatures2 Increase in the number of extreme events3 Growth in the intensity of extreme events4 Increase in sea level5 Changing of seasons6 Melting of glaciers7 Melting of polar ice8 I do not know9 Other (specify)
2. According to you, what are the leading causes of climate change? (Select all that apply)	Use of fossil fuels (used for transport, industries, etc,)1 Deforestation
3. Do you feel concerned about climate change and its impacts?	Yes1 No2 Indiferent3
<ul> <li>4. Which ecosystems you use for livelihood are threatened by climate change? (Select all that apply)</li> <li>(Ecosystems to be customised per country)</li> </ul>	Natural forest.       1         Managed forest.       2         Mangroves       3         Wetlands       4         Coastal reefs       5         Outer reefs       6         Open ocean       7         Dunes       8         Salt marshes       9         Lagoons       10         Rivers       11         Grasslands       12         Agricultural lands       13         None of the above       12         I do not know       13         Other (specify)       14
5. Do you think climate change threatens or will threaten your household's future welfare?	Yes, strongly1 Yes, somewhat2 No, not very much3 No, not at all4 I do not know5
6. What do you feel when hearing or learning about future climate change impacts? (Select all that apply)	Fear       1         Helplessness       2         Sadness       3         Guilt       4         Anger       5         Worry/anxiety       6         Apathy/unconcern       7         Impotence       8         Distrust       9         Hope/optimism       10         Willingness to cooperate in adaptation/mitigation actions.       11         Other (specify)       12
7. What is your primary source of information about climate change?	Radio

8. Do you think that your provincial/national government's actions to counter the impact of climate change:

Are good and sufficient to address the impacts on people and localities...1 Are not enough to address the impacts on people and localities......2

# SECTION 4: IMPACT OF NATURAL DISASTERS AND CLIMATE-INDUCED EVENTS AT HOUSEHOLD-LEVEL

## 4A. IMPACT OF NATURAL DISASTERS ON HOUSEHOLDS

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.
	In the past 12	Have these natural disasters affected your	(If Q2=1): What is the estimated economic	(If Q2=2): What is the estimated	(If Q2=3):	(If Q2=4):	(If Q2=5): What	(If Q2=6): What	How many people	How many	(if Q2=7) How	(If Q2=7): How	(If Q2=7): How	(If Q2=8) How	(If Q2=9): How many	(If Q2=9): How	(If Q15>0 or
N	months, which of	household:	value of the damages inflicted to your	economic value of the damages	What is the	What is the	is the estimated	is the estimated	died in your	people from your	many people were	many people got	many people in	many days did	of the household	many of the	Q16>0): In total,
А	the following	(Select all that apply)	dwelling?	inflicted to your agricultural area?	estimated	estimated	economic value	economic value	household due to	household are	injured in your	sick in your	your household	your household no	t members have	household	how many work
т	natural disasters	Dwelling1			economic value	economic value	of the damages	of the damages	these natural	still missing due	household due to	household due to	got permanently	have access to	permanently lost	members have	days did you and
	impacted your	Agricultural area2 Farm assests3			-	-	inflicted on your	inflicted on your	disasters?	1	these natural		sick or disabled	main roads or	their jobs as a	seen their jobs	your household
Ö	household?	Fisheries assets4			inflicted on			other		disasters?	disasters?	disasters?	due to these	other islands due	consequence of	temporarily	members lose due
R		Farm animals5 Other productive assets (specify)6			1'	your fishery		productive					natural disasters?	to these natural	these natural		to these natural
А		Health7			assets?	assets?		assets?						disasters?	disasters?	this natural	disasters?
L		Access to transportation infrastructure or to other islands														disaster?	
1	YES1	Access to work facilities9 Access to school10															
	NO2>Pass to Impacts of SOE	Access to basic services (water, electricity, internet.)															
D D		Forest area or trees, water bodies12															
I		Other (specify)13															
S																	
А																	
s																	
5																	
I																	
E																	
R									No. 15	No. 15		No. 15	No. 15		No. of	No. 15	
	CODE	CODE	\$	\$	\$	\$	\$	\$	No. of persons	No. of days	persons	No. of persons	No. of days				
									-	-	1	-	-			-	aayo
1. Flood																	
2. Drought																	
3. Storm																	
4. Landslide			1														
5. Extreme temperature			1														
6. Wildfire			1														
7. None			1														
8. Tropical cyclones															1		
9. Tsunami																	
10. Other (specify)																	

18.	19.	20.	21.	22.	23.	24.	25.	26.	27.
(If Q2=10):	(If Q18>0): In	(If Q2=11): Which essential	How many days were the following	Have your household members	From the members that belonged	As a result of these natural disasters, did you experience any of the	By which means did you receive any early	How did your household reduce the damage during these	What actions did your household take to recover after this
How many	total, how	services were disrupted as a	services disrupted due to these natural	been forced to displace (either	to your household 12 months ago,	following consequences? (Select all that apply)	information regarding these natural disasters?	natural disasters? (Select all that apply)	natural disaster? (Select all that apply)
children in the	many days of	consequence of these natural	disasters?	temporarily or permanently)	how many were displaced due to		(Select all that apply)		
household did	d school did	disasters? (Select all that apply)		due to these natural disasters?	these natural disasters?				
not attend	children in the					Loss in non-farm income (e.g., reduction in sales)1		Stayed informed and attentive to the updates	
school due to	household lose		Electricity:			Time spent on water collection increased	Radio1 Television2	from local authorities1	Used own savings1 Sold assets2
these natural	due to these		Water/Sanitation			Time spent on child care increased	Internet/social media3	Prepared emergency kits, basic provisions, etc2 Preserve valuable household items	Sought help from relatives/friends3 Sought help from government4
disasters?	natural disasters?	Electricity1 Water/Sanitation2	Transport			Time spent on any domestic work activities increased6 Found difficulties accessing personal hygiene products.7 Domestic violence increased	Newspaper/publications	Identified/prepared an emergency shelter for the household	Sought help from NGO/religious institution5 Searched for new/additional employment6 Took credit7
		Transport	Internet, TV, Mobile phone connection:			School dropout increased	Family members, neighbours/friends7 Miking/siren	Harvest or store crops	Increased agricultural, livestok, fishing, forestry or other productive activity8
		phone connection4 Garbage collection5	comección			Other (specify)11	Meteorological service9 Phone(text or call)10	Move household assets to a safer place8 Protect productive assests (e.g., move the fishing	Sent children or another household member to
		Health services6 Local administration	Garbage collection:				App	vessel to a safer harbur, etc.)9	live elsewhere
		services7	Health services:				Other (specify)13	None	Other (specify)11
		Markets8 None9	Local administration						
		Other (specify)10	services:	YES1					
			Markets:	NO2					
			Other (specify):						
No. of	No. of				No. of				
children	days	CODE	CODE	CODE	persons	CODE	CODE	CODE	CODE
							1		



# SECTION 4: IMPACT OF NATURAL DISASTERS AND CLIMATE-INDUCED EVENTS AT HOUSEHOLD-LEVEL

4A. IMPACT OF NATURAL DISASTERS ON HOUSEHOLDS

# If Q23>0, please provide detail information in the following questions:

For the household members forced to displace (either temporarily or permanently) in the last 12 months due to these natural disasters, please provide the following information:

#	28.	29.	30.
ID CODE of the household member in the roster	For how long did they displace? A few days1 A few weeeks2 Several months3 Permanentely4	Where did the household member go? To another locality if the same island1 To another island on the same country2 Abroad (AU or NZ)3 Abroad (other)4	What type of facility hosted the household member? (Select all that apply) Government facility1 Friend's home2 Family or relative's home3 Buy/rent a new place4
in the	CODE	CODE	CODE
1			
2			
3			
4			
etc.			

# SECTION 4: IMPACT OF NATURAL DISASTERS AND CLIMATE-INDUCED EVENTS AT HOUSEHOLD-LEVEL

## 4B. IMPACT OF SLOW-ONSET CLIMATE AND CLIMATE-INDUCED EVENTS ON HOUSEHOLDS

	31.	32.	33.	34.	35.	36.
SLOW-ONSET CLIMATIC AND CLIMATE-INDUCED EVENTS		32.         How have these slow-onset climatic events affected the livelihoods of your household? (Select all that apply)         Reducing crop/livestock/fisheries yields       1         Increasing crop/livestock/fisheries yields       2         Changes in crop planting and harvesting seasonality.       3         Decreasing soil fertility due to salination       4         Less availability and diversity of seeds and       5         planting material.       5         Reducing housing materials, bushneat, water,       7         firewood, etc.       8         Loss of employment.       9         normsportation.       10         Disrupting in market access due to difficulties       11         None.       12         Other (specify).       13	33.         How have these slow-onset climatic events affected the health of your household members? (Select all that apply)         Reducing food availability.         Reducing food diversity.         Increasing the dependence on processed foods3         Increasing prevalence of diseases like dengue, yellow fever, etc.         yellow fever, etc.         Increasing prevalence cardiovascular diseases, diabetes.         Increasing stress, anxlety.         6         Reducing water availability and quality.         9         Other (specify).	34. 33. Have these events pushed members of your household to displace temporarily or permanently? YES1 NO2	(If Q33=Yes) How many?	30.         How have slow-onset climatic events affected your household's social, cultural and communitarian activities? (Select all that apply)         Recovering and applying ancient knowledge1         Less willingness to attend community events2         Promote the creation of disaster-related or climate change related committees or groups
	CODE	CODE	CODE	CODE	No. of persons	CODE
1. Irregular rains						
2. Sea level rise						
3. River/coast erosion						
<ol> <li>Less availability of freshwater</li> </ol>						
5. Rise in sea surface temperature						
5. Lesser amount of fish						
7. Smaller fishes						
8. Coral bleaching						
<ol><li>Increase of invasive species</li></ol>						
10. Saltwater intrusion						
11. Other (specify)					1	

# SECTION 4C: IMPACTS OF NATURAL DISASTERS AND CLIMATE CHANGE ON CROPS, LIVESTOCK, AQUACULTURE AND FORESTRY

The Agriculture module is optional and will be displayed only if responses provided in Q6 of the MEMBER ROSTER section are equal to 1, 2,4, and 6.

## SECTION 4C1: IMPACTS OF NATURAL DISASTERS AND CLIMATE CHANGE ON CROPS

1. Did your household cultivate any crops during the past 12 months?

YES..1 >Q2 NO...2 >Q11

	2.	3.	4.	5.	6.	7
		In the past 12 months, what was the area planted with [CROP]?	Has this crop been harvested [CROP]?	What was the harvested area for [CROP]?	What percentage of the harvest was lost?	(i h p
С						-
R O						
P			YES1 NO2			
D			NO2			
						╞
	CROP NAME	PLANTED AREA (m2 or ha)	CODE	HARVESTED AREA (m2 or ha)	PERCENTAGE (%)	
						t
						T
						╞
						╞
						+
						╞
						╞
						╀
						╀

9. What were the economic losses in agriculture equipment/machinery due to the factors selected in Q7?

\_\_\_\_\_

\$\_\_

10. What were the economic losses in agricultural infrastructure (buildings/facilities) due to the factors selected in Q7?

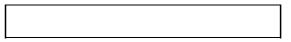
\$\_\_\_\_\_

7.	8.
(if Q6 <q3) area<="" td="" the="" was="" why=""><td>(if Q9=1 or 2) What was the economic value of these</td></q3)>	(if Q9=1 or 2) What was the economic value of these
harvested of [CROP] less than the area	crop losses?
planted? (Select the main reason)	
Too little rain/drought1         Too much rain/flood2         Rain came too early3         Rain came too late4         Storm5         Sea level rise6         Landslide7         Extreme temperature8         Wildfire9         Hail10         Frost11         Too much wind12         Pest/disease13         Other (specify)14	
CODE	\$

## SECTION 4C2: IMPACTS OF NATURAL DISASTERS AND CLIMATE CHANGE ON LIVESTOCK

11. Did your household raise any livestock in the past 12 months?	
---	--

YES..1 >Q12 NO...2 >18



		12.	13.	14.
LIVESTOCK GROUP	[L OV ke LIVESTOCK	In the past 12 months, how many [LIVESTOCK NAME], irrespective of who owned the [LIVESTOCK NAME], did you keep? NOTE: THE OWNER(S) CAN BELONG OR NOT TO THE HOUSEHOLD	What was the average selling or purchase price per animal head in the past 12 months?	How many [LIVESTOCK N lost in the past 12 mont
		QUANTITY	\$ PER ANIMAL	QUAN
	Bulls			
	Oxen			
Large ruminants	Cows			
Laige runnants	Steers/Heifers			
	Calves - Males/Females			
	Buffaloes			
Small ruminants	Goats - He/She/Kids			
	Sheep - Rams/Ewes/Lambs			
Pigs	Pigs - Boar/Sow/Piglets			
	Chicken - cocks / broilers			
Poultry	Chicken - hens / layers			
	Pullets/DOCs			
	Other - Ducks, Geese, Guineafowls, etc.			
Equines	Horses			
	Mules / Donkeys			
Other	Specify			

16. What were the economic losses in livestock equipment/machinery due to the factors selected in Q15?

\$\_\_\_\_\_

17. What were the economic losses in livestock infrastructure (buildings/facilities) due to the factors selected in Q15?

\$

	15.
OCK NAME] died or were nonths?	What was the main reason for [LIVESTOCK NAME] death or loss?
	Too little rain/drought1 Too much rain/flood2 Storm3 Sea level rise4 Landslide5 Extreme temperature6 Wildfire7 Hail8 Frost9 Disease10 Other (specify)11
QUANTITY	CODE

# SECTION 4C3: IMPACTS OF NATURAL DISASTERS AND CLIMATE CHANGE ON AQUACULTURE

### 18. Did your household practice aquaculture in the past 12 months?

	19.	20.		21.
	Did you or any household members collect [ITEM] in the past 12 months?	What was the total quantity of [ITEM] col		What quantity of [ITEM] was lost in the past 12 months?
	CODE	QUANTITY	UNIT	QUANTITY (in the same unit than Q16)
Fish (species to be customized per country)				
Crustaceans				
Clams / Molluscs				
Other (seaweed, corals, etc.)				

24. What were the economic losses in aquaculture equipment/machinery due to factors selected in Q22?

25. What were the economic losses in aquaculture infrastructure (buildings/facilities) due to factors selected in Q22?

\$\_\_\_\_\_ \$\_\_\_\_\_

YES..1 >Q19 NO...2 >26

22.	23.
Why was the main reason for these losses? Too little rain/drought1 Too much rain/flood2 Storm	In the past 12 months, what was the average purchase or selling price of 1 unit of [ITEM]?
CODE	\$ PER UNIT (same unit than Q16)

# SECTION 4C4: IMPACTS OF NATURAL DISASTERS AND CLIMATE CHANGE ON FORESTRY

26. Did you or any household member collect any forest products (such as wild fruits, honey, wood, mushrooms, wild animals, medicinal plants, etc.) or other natural ("wild") products (e.g., from grasslands, fallows, etc.), for either your use or sale, during the past 12 months?

	27.		28.	29.	30.
	How much of the [PRODUCT] was collected on a typical month during t	he past 12 months?	For how many months did you collect [PRODUCT]	If you had purchased [PRODUCT] in the market,	
	ir		in the past 12 months?	what would have been its average unit price?	events that severely negatively affected
					the collection of forest products:
	PRODUCTS				Too little rain/drought1
PRODUCTS					Too much rain/flood2           Rain came too early3           Rain came too late4           Storm5           Sea level rise6
					Landslide7 Extreme temperature8 Hail9 Frost10
					Too much wind11 Disease12 Collection of forest products was not negatively affected.13
	QUANTITY	UNIT	NUMBER OF MONTHS	\$ PER UNIT (sam unit than in Q26)	CODE
WOOD-BASED					
Firewood					
Other woods					
NON-WOOD BASED					
Coconuts					
Jackfruit					
Chayote Squash (x <i>uxu,</i>					
pimpinela )					
Mushrooms					
Honey					
Palmwine					
Ornamental flowers					
Medicinal plants					
Tea leaves					
Snails					
Wild birds (pheasant, bats,					
quail, etc)					
Wild pigs					
Sand					
Rocks, stone, mud					
Other (specify)					

31. What were the economic losses in forestry equipment/machinery due to the factors selected in Q30?

32. What were the economic losses in forestry infrastructure (buildings/facilities) due to the factors selected in Q30?

\$

# SECTION 4D: IMPACTS OF NATURAL DISASTERS AND CLIMATE CHANGE ON FISHERIES

The Agriculture module is optional and will be displayed only if response provided in Q6 of the MEMBER ROSTER section is equal to 5.

### 1. Did you or any member of your household catch fish, crustaceans, or clams/molluscs, for either your own use or sale in the past 12 months?

YES..1 NO...2 >END OF THE FISHERIES MODULE, PASS TO THE ADAPTATION MODULE

	2.		3.	4.	5.	6.	7.
ITEMS LIST OF PRODUCTS TO BE CUSTUMIZED/DETAILED PER COUNTRY	What is the total quantity of [ITEM] fished in the past 12 months?		Was this quantity: Much lower than in the past years1 Somewhat lower than in the past years2 Similar to the past years3 Higher than in the past years4	What was the main reason for the change in the catch level?         Too little rain/drought1         Too much rain/flood2         Storm3         Sea level rise4         Landslide5         Extreme temperature6         Wildfire7         Hail8         Prost	In the past 12 months, what was the average purchase or selling price of 1 unit of [ITEM]?	In the past 12 months, what was the percentage of loses in the fish catch due to the problems selected in Q4?	In the past 12 months, what was the economic value of losses in the fish catch due to the probler selected in Q4?
	QUANTITY	UNIT	CODE	CODE	\$ PER UNIT(same unit than Q2)	%	\$
Fish (species to be customized per country)							
Crustaceans							
lams							
Aolluscs							
Other (seaweed, turtles, marine mammals, etc.).							

\$

6. What were the economic losses in fishing equipment/machinery due to the factors selected in Q4?

7. What were the economic losses in fishing infrastructure (buildings/facilities) due to the factors selected in Q4?

#### SECTION 5: CLIMATE CHANGE ADAPTATION OPTIONS ADOPTED AT THE HOUSEHOLD LEVEL

#### 5.1. Retreat adaptation measures

1. In the past 12 months, what retreat adaptation option have your household implemented for responding to the threats of natural disasters and climate change? (Adaptation options to be customised per country)

#### 5.2. Defensive adaptation measures

2. In the past 12 months, what defensive adaptation options have your household implemented for responding to the effects of natural disasters and climate change?

otions for responding to the impacts of flooding on housing	
onstruct levees around the house1	
prove drainage system2	
prove gardens to safely redirect water	
e roofs capable of coping with high intensity rainfall events using	
pact and moisture resistant materials4	
inforce house structures5	
ximize use of water-resistant materials	
ise floor heights7	
ntruct houses responding to sun orientation	
stall hot air extraction technology9	
stall lighter-colored, reflective roofs10	
uble glazing of windows to support insulation	
do not know	
ne of the above	
her (specify)	
forest in areas likely to flood.       1         rich the soil with organic matter.       2         prove irrigation systems and dig local dams.       3         sotiute crops with drought and salt resistant cultivars.       5         corporate agro-forestry, shade and inter-cropping       6         spare vegetal material in nurseries.       7         rengthen/upgrade land infrastruture used for agriculture.       8         lect animals and/or species that are more resistant to heat and seases.       9         inforce turistic assets (lodges, restaurants, hotels, beach culture)       10	
do not know	
ne of the above	
ner (specify)13	
aptation Options for protecting availability of fresh and drinking water	
stall water capture and distribution facilities	
ne of the above	
her (specify)	

3. In the past 12 months, what defensive adaptation options have your government implemented for responding to the effects of natural disasters and climate change in your locality? (Select the three most important adaptation options for each subheading) (Adaptation options to be customised per country)

Options for responding to coastal fringe flooding Construction of physical barriers (seawalls, breakwaters, gabion, groins	
and sluices)1	
Protection of mangrove, wetlands, dunes forests and reforestation of areas	
close to waterways2	
Prohibition or control of the removal of beach sediments	
Beach nourishmen4	
I do not know5	
None of the above	
Other (specify)7	
Options for responding to inland flooding	
Construction of dykes or sluices1	
Creation or elevation of existing canal walls	
I do not know	
None of the above4	
Other (specify)5	
Options for responding to the impacts of flooding on public infrastructure	
Secure infrastructure (e.g., energy transmission lines, elevate roads and	
airports, redesign road system,c.)1	
Reduce water flows (e.g., install drainage facilities and water pumps,	
reduce paved areas to improve permeability of the soil or adopt water	
permeable pavements)2	
Build of safer schools	
I do not know4	
None of the above	
other (specify)	
Options for responding to the impacts of climate change on natural systems	
Create artificial environments for the maintenance of species	
populations1	
Provide incentive for conservation in farming areas, including benefits from carbon sequestration opportunities or other ecosystem services2	
Declare new marine/basins/forest/mangrove and estuarine protected	
areas	
Expand the protected area estate4	
Establish ecological corridors5	
Revegetate of coastlines areas vulnerable to erosion with native salt-	
tolerant plants	
Translocate species at risk to secure locations	
and flood resistant	
Improve composition of tree species in reforested areas	
Creation of artificial reefs10	
Regulate the use of agritoxics	
Restoration of ecosystems12	
I do not know	
None of the above	
other (specify)	
Adaptation options for protecting availability of fresh and drinking water	
Install devices to prevent seawater from back flowing into	
storm drains1	
Protecting wells by cement lining open wells	
l do not know	
Other (specify)	

#### 5.3. Co-existing adaptation measures

4. In the past 12 months, what co-existing adaptation options have your household implemented for responding to the effects of natural disasters and climate change? (Select the three most important adaptation options for each subheading) (Adaptation options to be customised per country)

1

#### Options for responding to multiple threats

Options for responding to multiple threats
Family members participated in education and public awareness campaings1
Family members trained and enrrolled in volunteer/comunitarian emergency and
relief teams/groups2
Family members enahced labor and professional skills
Family members remained attentive of warning systems
My family had a disaster management plan and evacuation plan
Family members had their vaccination schedule up to date
Children attended risk reduction programes at school
Family members participated in disaster simulation exercises
My family changed food consumption habits9
I do not know
None of the above
Other (specify)

#### Options for responding to the impacts of flooding on housing

cure vulnerable equipment above the forecasted flooding level	1	
uild transportable and/or floatable house	2	
lear constantly the water drains of the streets near the house	3	
do not know.	4	
one of the above	5	
ther (specify)	6	

#### Options for responding to the impacts on productive activities

Options for responding to the impacts on productive activities
Farm on higher ground to avoid flood-prone areas1
Adopt vertical farms
Grow crops undercover
Diversify cropping species
Adjust planting and harvest or fishing dates
Regulate the use of agritoxics that exterminate pollinizers
Participate in financial and technical assistance programmes
Constitute women's groups to plant household gardens, recover women's ancestral
knowledge, etc
Sought paid jobs in other sectors less exposed to climate change
Introduce aquaculture projects
I do not know
None of the above
Other (specify)

#### Adaptation Options for protecting availability of fresh and drinking water

Install desallinization systems
Install tanks to supplement the houshold reticulated water supply system2
Establish agreements with owners of the wells' land closer to the household to
allow family members to access water during droughts3
I do not know
None of the above
Other (specify)

(Select the three most important adaptation options for each subheading) (Adaptation options to be customised per count	try)
Options for responding to multiple threats           Elaborate and divulgate disaster management plan and evacuation plans           Implement education and public avareness campaings           Elaborate flooding intensity maps with the communities           Strengthen early warning systems.           Position of water and chlorine tanks in critical points.           Mark evacuation routes on posts and signs.           Create and train emergency and relief teams.           Conduct disaster simulation exercises.           Strengthen primary health care, for mothers and their children.           Vaccinate children and animals.           I           do not know.           1           None of the above.         1           Other (specify)         1	.2 .3 .4 .5 .6 .7 .7 .8 .9 10 11 12 12
Options for responding to the impacts of flooding on public infrastructure Diversify energy supply. Increase waste and water treatment capacity. I do not know. None of the above. Other (specify).	.2 .3 .4
Options for responding to the impacts of climate change on natural systems           Improve biodiversity management.           Procure efficient irrigation of natural and or restored areas.           Prohibit or control the removal of beach sediment.           Revegetate coastlines areas vulnerable to erosion with native salt-tolerant plants           I do not know.           None of the above.           Other (specify)	.2 .3 .4 .5 .6
Adaptation options for protecting availability of fresh and drinking water	2 <b></b> 3 4 5
<ol> <li>Overall, would you say that the adaptation options implemented in the past 12 months h Yes, stronglyl</li> </ol>	have reduced the impact of natural disasters and climate change on your household?
Yes, somewhat2 No, not very much3 No, not at all4 I do not know5	
5.4. INSTITUTIONAL SUPPORT	
7. In the past 12 months, has your household received any support for designing or implem	nenting climate change adaptation measures?
Yes1 No2 I do not know3	
No2	ation measures?
<ul> <li>No2 I do not know3</li> <li>8. In the past 12 months, what type of support have you received for implementing adaptation.</li> </ul>	ation measures?
No2 I do not know3 8. In the past 12 months, what type of support have you received for implementing adaptar (Select the three most important supportive actions) (Supportive actions to be customized per country) Subsidies, credit, grants, insurance, etc1 Support for women to have access to land tenure2 Programs and projects aimed at women, children and elderly3 Technical assistance to adapt economic activities4 Support to improve food security5 Technical assistance to improve the dwelling's infrastructure6 Support to community strengthening and organisation7 None	
No	

Was good and sufficient for adapting to climate cahnge...1 Was not enough for adapting to climate cahge......2 I do not know......3

11. In the last 12 months, have you been involved in any committees or groups (e.g., disaster response teams) engaged in climate change adaptation?

YES..1 NO...2

12. In the past 12 months, what are the leading personal challenges limiting your action on natural disaster prevention and climate change response? (Select the three most important challenges) (Challenges to be customized per country)

Lack of physical skills (running, swimming, etc.)	
Lack or low education level	
Lack or difficulty in access and control of clean water, firewood, land, productive	e assets, bank account, financing,etc3
Lack of other abilities (build or fix infrastructure, internet use, tecnologies use	e, etc
High dependency on forest products, water, or other natural resurces compromised be	ecause of natural disasters and climate change5
Little influence on decision-making during and after natural disater events	
Lack of time for find a job or participate in adaptation programmes	
Long distance of my dwelling to main road	
Long distance of my dwelling to capital city	
Noné	
Other (specify)	