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Individual information are not published and only used for statistical purposes.

## Climate Change Impact Survey 2016

### Questionnaire



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National Planning Commission Secretariat  
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PSU Code			Household No.		

## Central Bureau of Statistics

### Climate Change Impact Survey, 2016

- The objective of this survey is to study the impacts of climate change in the social, economic and environmental aspects. To fulfill this objective Central Bureau of Statistics is requesting to all stakeholders to provide the real information.
- Questions given below shall be asked to a 45 years old person staying in that community over the past 25 years from every household.

#### Module 1: Introductory information

Introduction		Information of the respondent								Sex Male ..... 1 Female ... 2		Age (years)
Identification of Sampling Area	Description	A07. Name of the Household Head										
A01. PSU No.		A08. Name of the Respondent (45 years or above)										
A02. District .....	(code)											
A03. VDC/Municipality .....	(code)	A09. Contact Number of the Respondent										
A04. Ward no/ Sub-ward no		A10. Ethnicity of the respondent (See code)										
A05. Name of village/tole		A11. Qualification of respondent (See code)										
A06. Altitude/elevation of the survey area (m)		A12. Duration of stay in this community (in years)										
Enumerator	Name: Signature: Date:	Supervisor				Name: Signature: Date:						
Data entry operator	Name: Signature: Date:											

**Module 2: Personal and household information****2.1. Personal information**B01. What is the household size including household head? Usually staying members :  Absent members :  Total : 

S.N.	Household members' name	Relation with the head of household Household Head.....1 Husband/Wife.....2 Son/Daughter in law.....3 Daughter/Son in law.....4 Father/Mother.....5 Mother in law/Father in law.....6 Siblings.....7 Grand Children.....8 Servants.....9 Others.....10	Sex Male.....1 Female...2	Age (Complete years)	Educational qualification (for five years & more)	Marital Status (for 10 years and above)  <i>Unmarried-1 Married-2 Widow/Widower-3 Divorced-4 Separated-5</i>	Current occupation (for 10 years and above) <i>Agriculture-1 Salary/wage-2 Other non-agricultural business—3 Household chores-4 Student-5 Searching for job-6 Not working-7</i>
B02	B03	B04	B05	B06	B07	B08	B09
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

11.							
12.							

**2.2. Household information**

Q.No.	Description	Code	Q.No.	Description	Code
<b>B10</b>	Ownership of residence? 1. Owned 2. Rented 3. Institutional 4. Others	<input type="text"/>	<b>B11</b>	Type of infrastructure of your <b>main</b> residence. 1. Permanent 2. Semi (half)-Permanent 3. Kachchi 4. Others	<input type="text"/>
<b>B12</b>	Sources of drinking water (rank three main sources in priority ) 1. Pipeline 2. Shallow/Deep tube well 3. Well/ spring 4. Canal/River/stream water 5. Rainwater 6. Spring/stone spout 7. Jar/tanker 8. Others	<input type="text"/> <input type="text"/> <input type="text"/>	<b>B13</b>	Sources of fuel used for cooking ( three main sources in priority) 1. Firewood 2. Gas/LPG 3. Cow dung 4. Biogas 5. Kerosene 6. Electricity 7. Briquette/rice husk 8. Others	<input type="text"/> <input type="text"/> <input type="text"/>
<b>B14</b>	Main source of energy for light 1. Electricity 2. Solar Power 3. Kerosene 4. Bio-gas 5. Others	<input type="text"/>	<b>B15</b>	Main type of toilet/latrine facility 1. Flush toilet (connected to sewage) 2. Flush toilet (connected to septic tank) 3. General household latrine 4. Public toilet 5. Open space/No latrine	<input type="text"/>

<b>B16</b>	Sources of income of the household in the past 12 months (rank three main sources in priority) 1. Agriculture 2. Salary/Wages 3. Non-Agri. Business 4. Remittance 5. Others	<input type="text"/> <input type="text"/> <input type="text"/>	<b>B17</b>	Which of the facilities family are using as listed below: (multiple answers are possible for this question)  1. Radio 2. Television 3. Cable 4. Computer 5. Internet 6. Telephone 7. Mobile 8. Motorcycle 9. Car 10. Bicycle 11. Other vehicle 12. Refrigeration 13. None of above	
B18.	Has this household received remittance in the past 12 months? 1. Yes 2. No	<input type="text"/>			

**Module 3: Land holding information of households**

**C01.** Does your family has operational land for agriculture? Yes ....1 No.....2 (go to module 4)

**C02. If yes, please provide details of operational land**

S.N	Land description	Unit of area Bigha.....1 Ropani....2	Present (2073/2016)			Five years ago (2068/2011)		
			Bigha/Ropani	Kattha/Aana	Dhur/Paisa	Bigha/Ropani	Kattha/Aana	Dhur/Paisa
1	2	3	4	5	6	7	8	9
1	Land occupied by residence							
2	Temporary crops cultivated own land							
3	Owned under Pond/Wetland							
4	Owned Orchard							
5	Owned land Others							
6	Land leased from others							
7	Total operational Land [(1 + 2 + 3 + 4 + 5+6) ]							

**Module 4: Household access to socioeconomic services**

Description	Response	Code
D01. Farming <b>experience</b> of household <b>head</b> (years)	..... <b>years</b>	
D02. You or any family member is a member of saving & cooperative or micro financial institutions or in informal saving groups	<i>Yes=1</i> <i>No=2</i>	
D03. You or any family member has regular saving in the saving & cooperative or micro financial institutions or in informal saving groups over the past 12 months period	<i>Yes=1</i> <i>No=2</i>	
D04. You or any family member of your family is a member of any other community based organization (CFUG, MGs, etc.)	<i>Yes=1</i> <i>No=2</i>	
D05. Your household received services from agriculture support center(s) and livestock service center over the past 12 months period	<i>Yes=1</i> <i>No=2</i>	
D06. Distance to motorable road from your house	..... km	
D07. Distance to nearest health center from your house	.....km	
D08. Distance to nearest secondary school from your house	.....km	
D09. Distance to nearest market from your house for sale and buy	..... km	
D10. Distance to nearest agriculture support center or livestock service center from your house	..... km	
D11. Current farm mechanization at your family	<i>Yes=1</i> <i>No=2</i>	

**Module 5: Household income information (over the past 12 months)**

Description	Amount (NRs)	
<b>E01.</b> Last year crop revenue from sale (rice, wheat, millet, potato, jute, maize, corn, lentil, vegetables, oilseeds, fruits, cardamom, ginger, garlic, coffee, mushroom, sugarcane, etc.)	.....	
<b>E02.</b> Last year livestock revenue from sale (milk/dairy products, poultry, livestock, etc.)	.....	
<b>E03.</b> Other agri. & forest income sources of the household (sale of timber tree, sale of fruit tree, tree branches, Straw/ash/husk, Cow dung/ manure, land mortgage, sale of land, sale-household goods, mortgage-goods, etc.)	.....	
<b>E04.</b> Household income from other non-agricultural sources (salary-from job, Business, day labor, remittance, interest-bank/cooperative/micro finance saving, interest from loan, insurance bonus, share & bonds,	.....	
<b>E05.</b> Household income from non-agricultural business	.....	

**Module 6: Knowledge and perception about climate change, reasons and impact****6.1. Basic information**

Description	Code	Description	Code
<p><b>F01.</b> Have you heard about climate change?</p> <p><i>Yes.....1</i>  <i>No.....2</i>  <i>If no, go to question F03</i></p>	<input type="text"/>	<p><b>F02.</b> If yes, what is your main source of information about climate change?</p> <p><i>Radio....1</i>                      <i>Television.....2,</i>  <i>Newspaper/publications....3</i>    <i>Awareness campaign...4</i>  <i>Local bodies/authorities...5</i>    <i>Neighbor and friends...6</i>  <i>Family member....7</i>              <i>Others....8</i></p>	<input type="text"/>
<p><b>F03.</b> Do you think climate of this place is different than it was 25 years before?</p> <p><i>Yes....1,</i>  <i>No....2,go to section 6.2</i></p>	<input type="text"/>	<p><b>F04.</b> What may be the main reason of the climate change?</p> <p><i>Deforestation...1</i>                      <i>Natural reason...2</i>  <i>Industrialization...3</i>                      <i>Urbanization...4</i>  <i>Over exploitation of resources...5</i>    <i>God wish...6</i>  <i>Earthquake...7</i>                      <i>Others...8</i>  <i>Do not know...9</i>  <b>(Please select 3 options based on priority)</b></p>	<input type="text"/> <input type="text"/> <input type="text"/>
<p><b>F05.</b> What are the main three incidences/consequences of climate change in this area over the past 25 years?</p> <p><i>Drought...1</i><i>Fire (in forest)...2, Fire (in community)...3,</i>  <i>Flood...4,Inundation...5, Windstorm...6,</i>  <i>Thunderstorm...7,Hailstorm...8, Heavy rain...9,Sporadic rain...10,Erosion...11, Landslide...12, Snowstorm...13,</i>  <i>Avalanche ...14, GLOF...15,</i>  <i>Heat wave...16, Cold wave...17,</i>  <i>Disease/insect...18,Others...19</i></p> <p>(Write in order codes of maximum 5 incidences)</p>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		

**Module 6.2: Information on temperature**

Temperature	Temperature compared to 25 years before	F08. Duration					
		25 years before			Now		
			Month	Week		Month	Week
F06. Summer	Increased =1 Decreased=2 Stayed the same=3 <input type="text"/>	Start date:			Start date:		
F07. Winter	Increased =1 Decreased=2 Stayed the same=3 <input type="text"/>	Start date:			Start date:		

**Module 6.3: Information on rainfall**

Rainfall	Rainfall volume compared to 25 years before	F11. Duration					
		25 years before			Now		
			Month	Week		Month	Week
F09. Monsoon	Increased =1 Decreased=2 Stayed the same=3 <input type="text"/>	Start date:			Start date:		
F10. Winter Rain	Increased =1 Decreased=2 Stayed the same=3 <input type="text"/>	Start date:			Start date:		

**Module 6.4: Information about impact of climate change**

S.N.	Natural disasters or events due to climate change (first identify the main disaster events of the locality)	Have you ever experienced the change in the following events in this area over the past 25 years?  <i>Yes...1</i> <i>No...2,next column</i> <i>Not applicable...3, next column</i>	If yes, how has it changed over the past 25 years  <i>Increased .... 1</i> <i>Decreased ... 2</i>	To what extent these events have impacted/affected you or your family over the past 25 years?  <i>Very low ...1, Low ... 2,</i> <i>Moderate ... 3, High ....4,</i> <i>Very high ... 5</i>	What could be the main reasons for the occurrence of following events over the past 25 years?  (write the codes of main three reasons in priority)*
<b>F12</b>	<b>F13</b>	<b>F14</b>	<b>F15</b>	<b>F16</b>	<b>F17</b>
1.	Drought				
2.	<i>Fire (in forest)</i>				
3.	<i>Fire (in community)</i>				
4.	<i>Flood</i>				
5.	<i>Inundation</i>				
6.	<i>Windstorm</i>				
7.	<i>Thunderstorm</i>				
8.	<i>Hailstorm</i>				
9.	<i>Heavy rain</i>				
10.	<i>Sporadic rain</i>				
11.	<i>Erosion</i>				
12.	<i>Landslide</i>				
13.	<i>Snowstorm</i>				
14.	Avalanche				
15.	<i>GLOF</i>				
16.	<i>Heat wave</i>				
17.	<i>Cold wave</i>				
18.	<i>Disease/insect</i>				
19.	<i>Others</i>				

\*Low rainfall..1, Heavy rain..2, Increase in temperature..3, Decrease in temperature..4, Road construction..5, Urbanization..6, Deforestation..7, Over withdrawal of water..8, Earthquake.. 9, Population increase ..10, Others ..11

## Module 7: Impact of natural disasters or events

## 7.1: Impact on daily life

S.N.	Type of Natural disaster or events  <i>(please only ask question based on identified disaster in 6.4)</i>	When were you or your family affected by the following disasters in past five years? Mention in BS	Had you or your family member(s) been affected due to damage in physical infrastructures (road, irrigation schemes, etc.) due to following disaster(s) over the past 5 years? <i>Affected..1 Seen but not affected ..2 no disaster..3</i>	How many <b>days</b> on average you or your household members were <b>not able to work/unemployed</b> due to the following disasters in past 5 years? <i>(days)</i>	Did you and members of your household have <b>food shortage</b> due to impact of the following disaster(s) over the past 5 years? <i>Yes ..1 No..2</i>	Did any of the family member(s) die due to the impact of following disaster(s) over the past 5 years? <i>Yes...1 No...2</i>	Death of family members over the past 5 years due to the following disaster(s)				
							Death number across age groups			Death record as per sex	
							0-18 years	19-59 years	60 years or above	Male	Female
<b>G01</b>	<b>G02</b>	<b>G03</b>	<b>G04</b>	<b>G05</b>	<b>G06</b>	<b>G07</b>	<b>G08</b>	<b>G09</b>	<b>G10</b>	<b>G11</b>	<b>G12</b>
1.	<i>Drought</i>										
2.	<i>Fire (in forest)</i>										
3.	<i>Fire (in community)</i>										
4.	<i>Flood</i>										
5.	<i>Inundation</i>										
6.	<i>Windstorm</i>										
7.	<i>Thunderstorm</i>										
8.	<i>Hailstorm</i>										
9.	<i>Heavy rain</i>										
10.	<i>Sporadic rain</i>										
11.	<i>Erosion</i>										
12.	<i>Landslide</i>										
13.	<i>Snowstorm</i>										
14.	<i>Avalanche</i>										
15.	<i>GLOF</i>										
16.	<i>Heat wave</i>										
17.	<i>Cold wave</i>										
18.	<i>Disease/insect</i>										
19.	<i>Others</i>										

## 7.2: Impact on household and business

Value of loss NRs000

SN	Natural Disaster or events (please only ask question based on identified disaster in 6.4)	In past 5 years did you or any of your family member(s) bear any loss? Yes....1 No.....2 (go to next row)	Cereals & cash crops	Vegetables	Fruits	Livestock	Orchard/nursery land	Cultivable land	Affected/Damaged residence (house, land and cow shed)	Other loss in non-agricultural businesses
G13	G14	G15	G16	G17	G18	G19	G20	G21	G22	G23
01.	Drought									
02.	Fire (in forest)									
03.	Fire (in community)									
04.	Flood									
05.	Inundation									
06.	Windstorm									
07.	Thunderstorm									
08.	Hailstorm									
09.	Heavy rain									
10.	Sporadic rain									
11.	Erosion									
12.	Landslide									
13.	Snowstorm									
14.	Avalanche									
15.	GLOF									
16.	Heat wave									
17.	Cold wave									
18.	Disease/insect									
19.	Others									

**Module 8: Diseases and health impacts****8.1. Impact on crops and livestock**

<b>H01.</b> Have you noticed new diseases in the crops over the past 25 years?	Yes ..... 1	No ..... 2 (If no go to H03)
<b>H02.</b> If yes, please provide the name of new diseases in crops?	1. ....	2. ....
	3. ....	4. ....
<b>H03.</b> Have you noticed increased incidence of insects in crops over the past 25 years?	Yes=1, No=2 (if no go to H05)	
<b>H04.</b> If yes, please provide name of new insects or parasites in the crops?	1. ....	2. ....
	3. ....	4. ....
<b>H05.</b> Have you noticed new diseases or parasites in the livestock over the past 25 years?	Yes=1 No=2 (If no go to H07)	
<b>H06.</b> If yes, please provide the name of new diseases in Livestock?	1. ....	2. ....
	3. ....	4. ....

**8.2: Impact on human health**

<b>H07.</b> Has the incidence of illness due to any diseases increased in your family over the past 25 years?	Yes=1	No=2( if no go to H09)
<b>H08.</b> Which <b>new diseases</b> are most prevalent in humans compared to 25 years ago? (write the disease codes from below) *	1. ....	2. ....
	3. ....	4. ....
	5. ....	6. ....
<b>H09.</b> Has the incidence of vector borne diseases increased in your family over last25 years before?	Yes ...1	No ... 2 <input type="checkbox"/>
<b>H10.</b> Has the incidence of water borne or food borne diseases increased in your family over the past 25 years?	Yes ...1	No ... 2 <input type="checkbox"/>
<b>*Disease Codes:</b> Diarrhea – 01, Dysentery – 02, Malaria – 03, Skin Disease – 04, Cold/Cough – 05, Fever – 06, Typhoid – 07, Asthma – 08, Jaundice – 09, Malnutrition related – 10, Dengue – 11, Mental Disorder – 12, Chicken Pox – 13, Cholera – 14, Respiratory diseases=15, Viral Encephalitis=16, Kalazar= 17, Water borne& food borne diseases= 18, Others (specify) – 19, mention name of diseases in the box		

**Module 9: Impact of climate change on water resources** (over the past 25 years)**9.1.: Current state of water resources**

Description	Possible answer	Code
<b>I01.</b> What changes have you observed in amount of water in streams, rivers, rivulets and springs?	Increased...1 Decreased...2 No changes..3 Do not know..4 Not applicable..5	
<b>I02.</b> Have you noticed water quality deterioration in streams, rivers, rivulets and springs?	Yes. ...1 No.. ..2 Do not know .. 3 Not applicable ..4	
<b>I03.</b> What changes have you observed in water level in wells and ponds?	Increased...1 Decreased...2 No changes..3 Do not know..4 Not applicable..5	
<b>I04.</b> Have you noticed water quality deterioration in wells and ponds?	Yes. ...1 No.. ..2 Do not know .. 3 Not applicable ..4	
<b>I05.</b> Have any streams, rivers, rivulets, or springs dried up?	Yes. ...1 No.. ..2 Do not know .. 3 Not applicable ..4	
<b>I06.</b> Are any tube wells, wells or hand pumps in state of drying up?	Yes. ...1 No.. ..2 Do not know .. 3 Not applicable ..4	
<b>I07.</b> Have any of the wells, tube wells, or ponds dried up?	Yes. ...1 No.. ..2 Do not know .. 3 Not applicable ..4	
<b>I08.</b> What changes have you observed in amount of water in spouts?	Increased...1 Decreased...2 No changes..3 Do not know..4 Not applicable..5	
<b>I09.</b> Have any spouts dried up?	Yes. ...1 No.. ..2 Do not know .. 3 Not applicable ..4	
<b>I10.</b> Has there been any changes in the duration of water flow in piped water that you have been using on daily basis?	Increased...1 Decreased...2 No changes..3 Do not know..4 Not applicable..5	

**Module 9.2: Reasons of changes on water resources**

Description	Code	
<b>I11.</b> Have you noticed changes in the water sources over the past 25 years? Yes ... 1 No ... 2	<input type="checkbox"/>	<b>If no go to module 10</b>
<b>I12.</b> If yes, what are the main reasons of changes in the water sources? (Write three main reasons in priority) 1. Inadequate rainfalls 2. Adequate rainfalls 3. Increase in temperature 4. Decrease in temperature 5. Road construction 6.Landslide/erosion 7. Urbanization 8.Deforestation 9. Over withdrawal of water 10. Mining and excavation 11. Population increase 12. Earthquake 13. Others	<input type="text"/> <input type="text"/> <input type="text"/>	

## Module 10: Impact of climate change on bio-diversity over the past 25 years

## 10.1: Changes in the various species

S. N	Description	Changes in the life species <i>Have changed=1</i> <i>No changes=2</i> <i>Do not know=3</i> <i>Not applicable=4</i>	Name of declining species (maximum three)	Name of increasing species (maximum three)	Name of species that have extinct	Name of new species
J01	J02	J03	J04	J05	J06	J07
1	Trees		1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....
2	Shrubs		1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....
3	Medicinal and non-timber forest products		1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....
4	Grass/Fodder		1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....
5	Aquatic animals		1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....
6	Aquatic plants		1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....
7	Wild life		1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....
8	Birds		1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....
9	Insects		1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....	1. .... 2. .... 3. ....

**Module 10.2: Infestation over the past 25 years**

S.N	Type of Vegetation	New invasive species have appeared over the past 20 years  <i>Yes=1 No=2 (if no go to next row)</i>	Name of new invasive species	Location of infestation  <i>Forest=1 Pasture=2 Agriculture=3</i>	What is the main cause of infestation  <i>Naturally spread=1 Human Introduced=2 Don't know=3</i>	What are the three main impacts of infestation in your daily life? <i>Income reduction=1 Loss of timber=2 Loss of fodder=3 Loss of firewood=4 Loss of bedding materials (sottar)=5 Loss of animal bed materials=6 Loss of edible species of human or wildlife=7 No impact=8 (Choose 3 options based on priority)</i>		
J08	J09	J10	J11	J12	J13	J14		
1	Shrub		1. .... 2. .... 3. ....					
3	Climber		1. .... 2. .... 3. ....					
4	Creeper		1. .... 2. .... 3. ....					

**10.3: Changes in the floristic behavior over the past 25 years**

Description	Possible response	Code
<b>J15.</b> Early Flowering/fruiting in some of the <b>tree</b> species	Yes.... 1 No .... 2 Do not know .... 3 Not applicable .....4	
<b>J16.</b> Late Flowering/fruiting in some of the <b>tree</b> species	Yes.... 1 No .... 2 Do not know .... 3 Not applicable .....4	
<b>J17.</b> Early Flowering/fruiting in some of the <b>shrub</b> species	Yes.... 1 No .... 2 Do not know .... 3 Not applicable .....4	
<b>J18.</b> Late Flowering/fruiting in some of the <b>shrub</b> species	Yes.... 1 No .... 2 Do not know .... 3 Not applicable .....4	
<b>J19.</b> Early Flowering/fruiting in some of the <b>fruit</b> species	Yes.... 1 No .... 2 Do not know .... 3 Not applicable .....4	
<b>J20.</b> Late Flowering/fruiting in some of the <b>fruit</b> species	Yes.... 1 No .... 2 Do not know .... 3 Not applicable .....4	
<b>J21.</b> Early Flowering/fruiting in some of the <b>herb or medicinal</b> species	Yes.... 1 No .... 2 Do not know .... 3 Not applicable .....4	
<b>J22.</b> Late Flowering/fruiting in some of the <b>herb or medicinal</b> species	Yes.... 1 No .... 2 Do not know .... 3 Not applicable .....4	
<b>J23.</b> Changes in the size of flower /fruit	No Change .. 1 Decrease in Size .. 2, Increase in Size .. 3, Not applicable .. 4	

**Module 11: Impact of climate change on tourism over the past 25 years**

<b>K01.</b> Does this VDC/Municipality has touristic importance places?	<b>Yes=1, No=2, if no go to module 12</b>
<b>K02.</b> If yes, what is the change in the number of tourist visiting in this area?	Increased .... 1, Decreased.... 2, Same.... 3, Do not know.... 4
<b>K03.</b> If decreased in number, what are the main reasons? (maximum three main reasons)	<b>1.</b>
	<b>2.</b>
	<b>3.</b>
<b>K04.</b> What is the change in the length of stay of tourist?	Increased .... 1, Decreased.... 2, Same.... 3, Do not know.... 4
<b>K05.</b> If length of stay decreased, what are the main reasons? (maximum three main reasons)	<b>1.</b>
	<b>2.</b>
	<b>3.</b>

**Module 12: Farm based coping strategies/action adopted by households due to impact of climate change over the past 25 years****12.1.: Farm based**

Description	Possible response	Code
<b>L01.</b> Received farm based skill development training by you or any member of your family over the past 25 years to cope with the impact of climate change	Yes.....1 No.....2 Not applicable.....3	
<b>L02.</b> Changed in cropping pattern (change in crop rotation, intercropping, ) over the past 25 years	Yes.....1 No.....2 Not applicable.....3	
<b>L03.</b> Left land fallow	Yes.....1 No.....2 Not applicable.....3	
<b>L04.</b> Reared livestock of the different breedthan the earlier one over the past 25 years	Yes.....1 No.....2 Not applicable.....3	
<b>L05.</b> Provided supplemental irrigation over the past 25 years	Yes.....1 No.....2 Not applicable.....3	
<b>L06.</b> Invested in ponds for irrigation over the past 25 years	Yes.....1 No.....2 Not applicable.....3	
<b>L07.</b> Adoptedimproved seeds over the past 25 years (improved, drought resilient, water resilient varieties, etc.)	Yes.....1 No.....2 Not applicable.....3	
<b>L08.</b> Change in planting date(Seedling, etc.) over the past 25 years	Yes.....1 No.....2 Not applicable.....3	
<b>L09.</b> Used increased amount of inorganic fertilizers in the field over the past 25 years	Yes.....1 No.....2 Not applicable.....3	
<b>L10.</b> Used increased amount of organic fertilizer over the past 25 years	Yes.....1 No.....2 Not applicable.....3	
<b>L11.</b> New crops grown over the past 25 years	Yes.....1 No.....2	

	<i>Not applicable.....3</i>	
<b>L12.</b> Raised new livestock over the past 25 years	Yes.....1 No.....2 <i>Not applicable.....3</i>	
<b>L13.</b> Investment in livestock pests and diseases over the past 25 years	Yes.....1 No.....2 <i>Not applicable.....3</i>	
<b>L14. Insurance of</b> Livestock done during past 25 years	Yes.....1 No.....2 <i>Not applicable.....3</i>	
<b>L15. Insurance of</b> Crops done over the past 25 years	Yes.....1 No.....2 <i>Not applicable.....3</i>	
<b>L16.</b> Started farming livestock only over the past 25 years	Yes.....1 No.....2 <i>Not applicable.....3</i>	
<b>L17.</b> Started farming crops only over the past 25 years	Yes.....1 No.....2 <i>Not applicable.....3</i>	
<b>L18.</b> Started farming both crops and livestock only over the past 25 years	Yes.....1 No.....2 <i>Not applicable.....3</i>	
<b>L19.</b> Started agro-forestry over the past 25 years	Yes.....1 No.....2 <i>Not applicable.....3</i>	
<b>L20.</b> Practiced compatible cropping (e.g. millet and marigold) over the past 25 years	Yes.....1 No.....2 <i>Not applicable.....3</i>	
<b>L21.</b> Have you started tunnel farming over the past 25 years	Yes.....1 No.....2 <i>Not applicable.....3</i>	
<b>L22.</b> Stored food/grains in cold storage over the past 25 years	Yes.....1 No.....2 <i>Not applicable.....3</i>	

<b>L23.</b> Started preserving local seeds (seed bank) for more disease resistant over the past 25 years	Yes.....1 No.....2 Not applicable.....3	
<b>L24.</b> Contributed in soil and water conservation over the past 25 years	Yes.....1 No.....2 Not applicable.....3	
<b>L25.</b> Visited offices with your concerns regarding the impact of climate change over the past 25 years	Yes.....1 No.....2 Not applicable.....3	

**Module 12.2: Non-farm based**

<b>Description</b>	<b>Possible response</b>	<b>Code</b>
<b>L25.</b> Changed the food consumption habit over the past 25 years	Yes.....1 No.....2 Not applicable.....3	
<b>L26.</b> Started more off-farm activities over the past 25 years	Yes.....1 No.....2 Not applicable.....3	
<b>L27.</b> Shifted to non-farm employment over the past 25 years	Yes.....1 No.....2 Not applicable.....3	
<b>L28.</b> Family member(s) temporarily migrated from this place over the past 25 years	Yes.....1 No.....2 Not applicable.....3	
<b>L29.</b> Participated in flood/landslide risk reduction and water management practices over the past 25 years?	Yes.....1 No.....2 Not applicable.....3	
<b>L30.</b> Participated in road and infrastructure improvement to protect from flood and landslide over the past 25 years	Yes.....1 No.....2 Not applicable.....3	
<b>L31.</b> Participated in community based natural resource management activities over the past 25 years?	Yes.....1 No.....2 Not applicable.....3	