

Climate Change and Migration: a Case study of Coastal area in Bangladesh

Questionnaire

I hereby state that your responses will remain anonymous and information collected will only be used for the purpose of the research, will not be handed over to any government agencies and your identity will remain secret. Thank you for your cooperation and I am grateful to you.

Rizwana Subhani

1. Zila Code: Upazila Code: Union Code: Village Code: Ward Code:

2. Respondent's name:

3. Household Type: (Migrant= 1, Non-Migrant=0)

4. Respondent's Gender: (Male=1, Female=2)

5. Household Members: Male: Female:

6. Earning Members: Male: Female:

7. Religion: (Code: 1= Islam, 2= Hindu 3= Buddhism 4= Christian 5= Others.....)

8. Area's Name:

9. Enumerator's name:

10. Mobile number:

<u>Enumerator's signature</u> <u>(Date and Time)</u>	<u>Field Supervisor's Signature</u>	<u>Data Entry Operator's Signature</u>

Section- A: Background Information of the Household

11. Profile of household members

Sl. No .	Name of the HH member	Gender 1	Age 2	Marital Status 3	Education 4	Primary Occupation 5		Secondary Occupation 6		Regular=1 Irregular=2
						Before Aila	After Aila	Before Aila	After Aila	
	1= Name of the HH head									7
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

Instructions and Codes for filling up columns 1-6

1	Sex: 1= Male; 2= Female
2	Age: Number of completed years; write '0' if it is a child of less than one year
3	Marital Status: CODES: 1= Married 2= Unmarried 3=Widow 4= Widower 5= Divorced 6= Separated
4	Education: (highest educational qualification) CODES: 0=illiterate; 1=Class 1-5; 2= Class 6-10, 3= SSC/ Alim or equav; 4= HSC/ Fazil or Equav 5 = Graduate/ Fazil 6= Honors; 7 = Masters; 8= MBBS/Engineering; 9= Diploma/ Polytechnics ; 10= Can and write; 11= Can sign only, 12= informal education, 15= Any other (specify)_____
5-6	Occupation: 0= unemployed, 1= Agriculture, 2= Agricultural labor, 3= Non- Agricultural labor, 4=Shared cropper, 5= বন্ধকী চাষি 6= Liz Agri farmer 7= Rickshaw/ Van puller, 8= Fisherman, 9= House helper/ Maid, 10= Professional (Blacksmith/ Cobber/ Carpenter/ Sewing etc.) 11= Business, 12= Handicraft, 13= NGO worker, 14= Beggar, 15= Student, 16= Housewife, 17= Private/ Govt service, 18= Salt Producer 19= Fish fry collector 20= Fish drying, 21= Fuel wood collector, 22= Fish cultivation, 23= Driver (Mechanized vehicle), 24= Shopkeeper 25= Retaired 26= Others (specify)_____

12. Average income of the household

CODE: 0= No income, 1=1-3000, 2= 3001-5000, 3= 5001- 8000 4= 8001- 10000 5= 10001-15000, 6= 15001-25000, 7=25001-35000, 8= 35001-45000

Section B: Impact of Cyclone Aila on the livelihood

13. How much did your household affected?

Damage type	Affected by AILA	Loss (BDT)			Did you receive any relief? Yes=1, No=2	Market price of relief
	Yes=1, No=2	Economic Loss	Income Reduced	Expenditure Increased		
Death of family members (Number)						
Dwell house damage (Taka)						
Crop damage (Taka)						
Loss of fish (Taka)						
Cattle death (Numbers)						
Damage of tube well						
Vehicle damage (Taka)						
Death of poultry (Number)						
Transfer loss during Aila (Taka)						
Business loss (Taka)						
Business loss equipments (Taka)						
Others loss.....						

14. What kinds of relief you received post Aila?

CODE: 1=Food, 2= WASH, 3= Shelter 4= Medicine 5= Agricultural support

15. Numbers of meals did you take last week on an average?

CODE: 1= 1 meal in a day, 2= 2 meals in a day, 3= 3 meals in a day.

16. How many people intake food in last 7 days? Adult Children (below 10 years)

17. What kind of food did your family consumed in last 7 days?

No	List of Food Items (Weekly)	Amount	Price
1	Rice (Kg)		
2	Flour/ Wheat (Kg)		
3	Dry rice (kg)		
4	Potato (kg)		
5	Pulses (kg)		
6	Fish-Small (kg)		
7	Fish-big (kg)		
8	Chicken (kg)		
9	Duck (kg)		
10	Beef (kg)		
11	Mutton (kg)		
12	Egg (No.)		
13	Milk (Ltr)		
14	Sugar/gur (kg)		
15	Spinach (kg)		
16	Vegetable (kg)		
17	Oil (Ltr)		
18	Onion/garlic (Kg)		
19	Spices (including salt)		
20	Fruits (kg)		
21	Others (Mention).....		

18. Is your area still water logged? 1=Yes 2= No?

19. How long it lasted since Aila? Months

20. Did you leave the homes after cyclone Aila

CODE: 1= Yes, all of the family 2= Some members left 3= No, none of the members left

21. Why some members came back?

CODE: 1= To care for cattle 2= To care for household goods 3= Too inform and old to be shifted 4= any other reason (specify)

22. How many days after cyclone the HH members returned to the homestead? _____ days

23. Where the member of your household did take shelter immediately after Aila?

CODE: 1= On the embankment 2= On the nearby road (not an embankment) 3= Some other higher ground 4= Neighbour's/ relative's home within the island 5= Relative's/friend's home outside the island 6= In relief camp/school building 7= Any other place (specify)

24. What was the destination your migration after Aila? (For Migrant HH only)

CODE: 1= City (Khulna or other city) 2= Other district 3= Other village

25. Did the whole family migrate? 1= Yes, 2= No for Migrant HH only)

26. How many people migrate from your household? Male Female

27. How did you select the destination of migration?

CODE: 1= Friends helped me, 2 = had prior Information, 3= Relatives lived there, 4 = others _____ [specify]

28. How many years have passed after migrate?

29. Who decided to migrate?

CODE: 1= Self, 2= Both Husband and Wife, 3= Both Husband + Wife and others.

30. Why did you take the decision to migrate after Aila? (For Migrant HH only)

Sl.	In order of Priority
1	
2	
3	
4	

31. Why did you take the decision not to migrate after Aila (For Non- Migrant HH only)

Sl.	Order of Priority
1	
2	
3	
4	

32. Is your family income higher now than before? 1= Yes 2= No

33. After AILA what are the responsive strategies you took to cope up

Sl	List of Activities (Order of Priority)
1	
2	
3	
4	

34. What type of migration it was? (Only for Migrant HH)

CODE: 1= Temporary 2= Permanent

Temporary Migration is migration to a country that is not intended to be permanent, for a specified and limited period of time, and usually undertaken for a specific purpose.

Permanent Migration is when someone moves from one place to another and has no plans to return to their original home.

35. What are the causes forced you to migrate?

CODE: 1= No other income sources, 2= Unemployment, 3= Asset loss, 4= Failed to repay the loan

36. What are the causes to migrate?

CODE: 1= High Wage, 2= Employment opportunity, 3= Property Increase 4= Others _____

Section C: Assets

37. Household Assets

Household Asset	Before Aila		After Aila		Type of ownership	
	Number	Price	Number	Price	Before Aila	After Aila
Farm Land (Acre)						
Functionally Landless (0.1- 0.49)						
Marginal farmer (0.50- 1.49)						
Small farmer (1.5-2.49)						
Household Asset at Present	Number		Price		Type of ownership at present	
Land (House, Garden others)						
Livestock						
Poultry						
Savings money/ insurance/ prize bond						
Ornaments						
House (pacca, kacha, mud, tin, straw etc)						
Transport (Rickshaw/Van/Cycle, Boat, Motor Cycle,						

tractor, bus, truck) (if shared; percentage/ cost of share)			
Shop (cold house, Mudi, store house)			
Bed			
Television			
Radio			
Electric Fan			
Watch			
Sewing Machine			
Mobile Phone			
Hurricane			
Kerosene Stove			
Table			
Dining Table			
Chair			
Almira			
Sofa set			
Dressing Table/ Showcase			
Cooker/ plate / glass			
Tubewell			
Trees			
Agriculture Equipments (power Tiller, Pump Set, fishing net) if shared, percentage/ cost of ownership			

Section D: Livelihood Strategies

38. What are the major sources of your Household Income?

Sl.	Source of Income	Your key source of income? Tick any one		Income in Taka	
		Before Aila	After Aila	Before Aila	After Aila
1	Field crop (own land or leased or Mortgage) (Yearly)				
2	Agricultural laborer wage (daily)				
3	Other non-agricultural daily laborer's Wage (daily)				
4	Own profession like doctor, private tuition, quack, priest etc. (Monthly)				
5	Own small business (Monthly)				
6	Commercial aqua-farming (Monthly)				
7	prawn-fry collection in river (Monthly)				
8	fishing in river and collection of forest products (Monthly)				
9	Service (Monthly)				
10	Salaried employee in private organizations or NGOs. (Monthly)				
11	Remittances from temporary migration (for less than one year). (Monthly)				
12	remittances from long-term migration (more than one year) (Yearly)				
13	Own large business (Monthly)				
14	Income from assets (inclusive of rent from land) (Monthly)				
15	VGD / Old age pension (Monthly)				
16	Rickshaw / Van Puller (Daily)				
17	Share crop (Yearly)				
18	Begging (Daily)				
19	Money lending (Monthly)				
20	Handicraft (Monthly)				
21	Livestock rearing (Yearly)				
22	Homestead crop (Yearly)				
23	any other (specify)				

39. Source of drinking water for the household?

CODE: 1 = pipe water 2= tube well 3= pond 4= water supplied by relief agencies 5= bottled water from market 6= rain water

40. What is the main source of fuel for cooking?

CODE: 1= Collected (Bio-gas, cow dung, jute stick) 2= Purchase from market (Kerosene, LPG etc.) 3= Others _____

41. Did you get loan from any formal or informal institute after Aila?

Please specify 1= Yes 2= No

42. Amount of Loan

43. What was the purpose of taking loan?

Purpose of taking loan	Amount
Repairing/ Maintaining (Housing, Sanitation etc.)	
Agriculture	
Fish Culture	
Invest in Business	
Purchase Product (Sewing machine, rickshaw, van etc.)	
Others	

44. Where did you utilize the loan?

Utilization of loan	Amount
Repairing/ Maintaining (Housing, Sanitation etc.)	
Agriculture	

Fish Culture	
Off farm Employment	
Others	

45. Do you have outstanding Loan before Aila? in taka

46. Did you repay the loan? 1= Yes 2= No

47. What kind of problems you are facing to repay the loan? (if you do not repay)

Sl.	In order to priority
1	
2	
3	
4.	

48 . What is the main source of fuel for lightening?

CODE: (1) Electric (2) Kerosene (3) Solar units (4) Any other (specify)

49. House Type:

House types	Before Aila	After Aila
Pucca (Brick)		
Semi-pucca (tin shaded wall and roof)		
Kacha (earthen wall with golpata plant, timber or bamboo roof)		
Wooded (tin and wood)		
Others _____		

Checklist for Focus Group Discussion (FGD)

Guide Question for FGD

1. Information about the village
2. General understanding about the occurrence of various climate events/ disasters
3. Response to Cyclone Aila
 - (a) Individual, (b) Family, (c) Community
4. What are the strategies you adopt to overcome the situation?
5. How cyclone Aila affects in your life in socio economic aspect
6. Do you received Technical and financial support
7. Need assessment
8. Migration Information

Thank you very much

Date:

Signature:

Key Informant Interview Checklist

Domain of the work experience:

1. Professional track record:

Position	Expert in	Working experience

2. Your current involvement with climate change and migration issues

Thematic area	Specific focus	Narrate how you are contributing

3. Your future plan of personal engagement in Climate change and migration issues

Thematic area	Specific focus	Narrate how you are contributing

4. What do you suggest for enhancement of adaptive capacity?

Time frame	Policy Measure	Practical Measures	Responsible agency
Short term			
Medium term			
Long term			

5. What kind of migration occurs during any climatic disaster

6. What kind of place they choose for migration?

7. For how long (years) people usually migrate?

Further checklist for Key Informant Interview

- a. General understanding about the occurrence of various climate events/ disaster
- b. Information about past Migration
- c. The reasons behind migration after Aila
- d. Response to Cyclone Aila (adapting mechanism, relief, damage estimation)
(a)Individual, (b) Family, (c) Community (d) State (e) NGO
- e. What is the opinion to solve the problem (3 top priorities)
- f. Any other issue

Thank you so much

Date:

Signature: