

ANNEX 2



Canada



RESEARCH SUBJECT INFORMATION AND CONSENT FORM FOR RESPONDENTS TO QUESTIONNAIRES, KEY INFORMANT INTERVIEWS AND FOCUS GROUP DISCUSSIONS

On Action Research Project

“Empowering Women as Key Leaders in Promoting Community-Based Climate Change Adaptation and Disaster Risks Reduction Initiatives in Niger Delta Region”

Being Implemented by

Centre for Population and Environmental Development (CPED) in collaboration with
Intervention Council for Women in Africa (ICWA) and Delta State Ministry of Environment
(DMoE)

2018-2021

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With Support from

International Development Research Centre (IDRC)

NOTE: This consent form may contain words that you do not understand. Please ask the study staff to explain any words that you do not clearly understand. You can give a verbal consent or a written one by signing the last page of the consent form.

AIM OF THE STUDY

The project aims to contribute to socially equitable development by promoting women-led, community-based initiatives on climate-change adaptation and disaster-risks reduction. The proposed project is designed to strengthen the ability of women, girls and other stakeholders in rural communities in the Niger Delta to make informed decisions and manage likely climate change driven pressures on their livelihoods. It attempts to make the tasks of adoption and scaling-up of innovation on climate change adaptation more effective by setting up mechanisms to increase interaction between researchers, on the one hand, and policy makers, rural women and other stakeholders on the other. This is to ensure the inclusion of an increasingly diverse range of actors at community, sub-national and national levels in the development and scaling up of innovative approaches on community-based climate change adaptation and disaster risks reduction. The project will focus on Delta State, which is the largest state with settlements in the three main ecological zones—mangrove swamp, freshwater swamp, and lowland rainforest—within the Niger Delta region. Field surveys are being carried out in ten LGAs as follows: **Warri South, Isoko South, Burutu, Patani, Ethiope East, Ughelli South, Sapele, Ika South, Aniocha North and Ndokwa East.**

YOUR INVOLVEMENT IN THE STUDY

If you decide to participate in this research study, you will be asked some questions relating to your knowledge of climate change, adaption and risk reduction initiative being implemented by you or and other members of your community. Or you may be asked to participate in a discussion group or an interview with project staff on a variety of issues relating to climate change knowledge, awareness and perception in your community. The focus group discussion or interview will be tape recorded so we are sure to get everyone's ideas, but the transcripts of the tapes will only use pseudonyms (a substitute for your real name). Once the interviewer finished transcribing the discussion or interview from the tape recorder, it will be deleted from the tape.

RISKS AND DISCOMFORTS

We do not expect that your participation in this research project in form of responding to questions from the researchers pose any risks to you. You do not have to talk about any issue you do not want to talk about. In the case of a group discussion you may decide to leave the group at any time or refuse to answer any question if you feel so.

BENEFITS TO YOU AND OTHERS

You may not get any direct benefit from this study but the information we get from people in this study may help us build the capacity of women and girls in some target communities to promote women-led, community-based initiatives on climate-change adaptation and disaster-risks reduction.

COSTS

There are no costs for participating in this study other than the time you will spend in answering the questions or participating in the interview or discussions.

CONFIDENTIALITY

Information being collected is used for research purposes only. Your personal data will be identified by pseudonyms, not real names, and stored in a locked research area. All electronic personal identifying information will be kept in password protected files and these will be deleted within one year. Access to all data will be limited to study personnel. A data and safety monitoring plan is established.

We will not tell anyone the answer you will give us; however, information from the study and the consent form signed by you may be looked at or copied for research or legal purpose by the sponsor of the research.

FEED BACK ON THE RESULTS

What we find from this study will be presented at a meeting to be held later during which community members will be invited to participate in the review of the findings.

VOLUNTARY PARTICIPATION AND WITHDRAWAL

You do not have to participate in this study. If you choose to participate, you may stop at any time without any penalty. You may also choose not to answer particular questions that are asked in the study.

Your participation in this study may be stopped at any time by the study staff or the sponsor without your consent. The reasons might include: the study staff thinks it is necessary for your health or safety; you have not followed the study instruction; or the sponsor has stopped the study.

ENQUIRIES

In the future, you may have questions about your participation in this study. If you do, please direct your questions, complaints, or concerns to the following contacts:

Prof. Emeritus A. G. Onokerhoraye
Project Principal Investigator and Executive
Director, CPED
BS-1 and SM-2, Ugbowo Shopping Complex
Ugbowo Housing Estate, Benin City.
Email: agonoks@yahoo.com

and Engr. J. I. Eronmhonsele
Project Team Member and Head Communications
Division, CPED
BS-1 and SM-2, Ugbowo Shopping Complex
Ugbowo Housing Estate, Benin City.
Email: j.eronnhonsele@cped.org.ng
Tel: 08080472801

CONSENT

I have been given the chance to hear or read this consent form. I understand the information about this study. Questions that I wanted to ask about the study have been answered. My signature or verbal approval confirms that I am willing to participate in this study.

Name of Respondent

Signature of Respondent

Date

Name of Field Staff

Signature of Field Staff

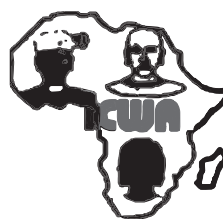
Date



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**"EMPOWERING WOMEN AS KEY LEADERS
IN PROMOTING COMMUNITY-BASED CLIMATE
CHANGE ADAPTATION AND DISASTER RISKS
REDUCTION INITIATIVES IN NIGER DELTA REGION"**



**HOUSEHOLD
QUESTIONNAIRE**

2018

HOUSEHOLD QUESTIONNAIRE

NB: This questionnaire is to be completed by one adult male and one adult female in a household

SECTION A: IDENTIFICATION

Name of Interviewer:.....

Date of interview:

Name of Respondent (optional).....

1. LGA:

2. Village/community:

GENERAL INSTRUCTION: Please circle or tick the most appropriate answer to each question.

SECTION B: SOCIO-ECONOMIC AND DEMOGRAPHIC CHARACTERISTICS

A. RESPONDENT

3. Household status: Head of household = 1; Other member of the household = 2
4. How old are you? 18 - 40 years = 1; 41 - 60 years = 2; 61 years and above = 3
5. What is your sex? Male = 1; Female = 2
6. What is your marital status? Single = 1; Married = 2; Widowed = 3; Separated = 4
7. What is your highest educational level completed? No formal education = 1;
Primary education = 2; Secondary education = 3; Tertiary education = 4
8. What is your main occupation? Farming = 1; Trading = 2; Public sector = 3;
Private sector = 4
9. How long have you been in your main occupation?
Less than 10 years = 1; 10-20 years = 2; Above 20 years = 3
10. What is the average monthly income from your main occupation?
Less than N10,000 = 1; N10,000 – N20,000 = 2; Above N20,000 = 3
11. What type of the agricultural activities do you engage in?
Subsistence = 1; Commercial = 2; Both subsistence/commercial = 3
12. How many farm lands do you have?
1 – 5 farm lands = 1; 6 – 10 farm lands = 2; Above 10 farm lands = 3
13. How many of these farm lands are in upland?
1 – 5 farm lands = 1; 6 – 10 farm lands = 2; Above 10 farm lands = 3

14. How many of these farm lands are in flood prone areas?
 1 – 5 farm lands = 1; 6 – 10 farm lands = 2; Above 10 farm lands = 3
15. Do you have access to fishing vessels (e.g. boat, canoe etc.)? Yes = 1; No = 2

B. HOUSEHOLD

16. What is the size of your household?
 1 - 4 persons = 1; 5- 8 persons = 2; Above 8 persons = 3

Leadership and Participation in Decision Making

17. Are you involved in decision making? Yes = 1; No = 2
18. If yes to question 17 above, at what level? (Tick all that apply)
 Individual = 1; Household = 2; Community = 3
19. Have you ever held any leadership position in any community committee?
 Yes = 1; No = 2

Questions 20 - 25 for male respondents only

20. Would you permit/support your wife to be a member of a group in which you are also a member? Yes = 1; No = 2; Not Applicable = 3
21. If yes, give reasons.....

22. If no, give reasons.....

23. Would you permit your wife to hold an office in a group in which you are a member?
 Yes = 1; No = 2; Not Applicable = 3
24. If yes, give reasons.....

25. If no, give reasons.....

Questions 26 & 31 for female respondents only

26. Would you like to be a member of the same group as your husband?
 Yes = 1; No = 2; Not Applicable = 3
27. If yes, give reasons.....

28. If no, give reasons.....

29. Would you agree to be a leader in a group in which your husband is a member?
Yes = 1; No = 2; Not Applicable = 3
30. If yes, give reasons.....
.....
31. If no, give reasons.....

Housing Characteristics

32. Where is your house located? Flood-prone area = 1; Upland area = 2
33. What is the type of your house?
Mud wall with thatch roof = 1; Mud wall with zinc roof = 2; Brick wall with zinc = 3;
Brick wall with thatch roof = 4; Cement block with Zinc = 5;
Zinc wall with zinc roof = 6; Stilt with thatch roof = 7

Waste disposal systems

34. What is the type of toilet facility in this house:
Open defecation = 1; Pit latrine = 2; Water closet = 3
35. How do you dispose your solid waste? Burying = 1;
Evacuated by an accredited waste manager = 2; Burning = 3; Indiscriminate dumping = 4

Main Cooking Fuel

36. What is the type of cooking fuel you use in this house? (Tick all that apply)
Wood = 1; Saw dust = 2; Kerosene = 3; Charcoal = 4; Gas = 5

Water Supply

37. What is the main source of drinking water? Public pipe-borne system = 1
Borehole = 2; Open well = 3; Ring well = 4; Rivers/streams = 5

SECTION C: CLIMATE INFORMATION

Sources and availability of climate information

38. Have you ever received any weather/climate information (e.g. rainfall, temperature, etc.)?
Yes = 1; No = 2
39. If yes to question 38, what are the sources of the climate information you normally receive in this community? (Tick all that apply) Radio = 1; TV = 2; Bulletin = 3; Newspaper = 4
Internet = 4; GSM = 5; Friends = 6; Town crier/Announcer = 7;
Interpersonal communicator = 8

CLIMATE CHANGE - AWARENESS, KNOWLEDGE, IMPACTS, RESPONSES AND ADAPTATION

I. AWARENESS OF CLIMATE CHANGE IN THE COMMUNITY

40. Have you heard about climate change? Yes = 1; No = 2
41. If yes to question 40, where have you heard of climate change? Weather station = 1; Extension agents = 2; Radio = 3; Television = 4; Schools = 5; Peer groups = 6
42. How long have you noticed or observed climate change in this community? Less than 10 years = 1; 10 – 30 years ago = 2; More than 30 years ago = 3

II. KNOWLEDGE LEVEL OF CLIMATE CHANGE

43. What do you know about climate change in this community? (Use Table I)

Table I: Knowledge of climate change in the community

S/No	Climatic element	Do you know that there is	Yes = 1	No = 2
1	Rainfall	Early onset of rain		
2		Early cessation of rain		
4		Increase in rainfall amount		
5		Decrease in rainfall amount		
6	Temperature	Increase in temperature		
7	Sunshine	Increase in hours of sunshine		
8		Increase in sunshine intensity		
9	Wind	Changes in wind speed		
	Non-climatic elements	Do you know that there is	Yes = 1	No = 2
10	Plants/ Vegetation	Appearance of new species of plants & trees		
11		Disappearance of some species of plants & trees		
12		Increase in the frequency of forest fire		
13		Increase in deforestation activities		
14	Fishes	Appearance of new species of fishes		
15		Disappearance of some species of fishes		
16	Flooding	Increase in sea level		
17		Increase in the magnitude of flooding		
18		Increase in the duration of flooding		
19	Hydrology	Increase in the volume of some streams		
20		Drying up of some streams		

III. PERCEPTION ON THE CAUSES OF CLIMATE CHANGE

44. What do you think are the main causes of climate change in this community? (Tick all that apply)
 Burning fossil fuels = 1; Cutting down of tree (deforestation) = 2;
 Overgrazing = 3; Increasing use of fertilizers = 4; Incineration = 5

IV. Household vulnerability to climate change

45. How does each of the following factors make you vulnerable to climate change? Use Table 2

Table 2: Factors responsible for vulnerability to climate change

S/No	Factors	Degree of vulnerability		
		None = 1	Low = 2	High = 3
1	Non-availability of irrigation			
2	Non-availability of water for livestock			
3	Excessive rainfall			
4	Increase in drought			
5	Sea level rise			
6	Increase in flooding			
7	Low agricultural output			
8	Lack of farm labour.			
9	Decreasing availability of arable land			
10	Lack of food storage facilities.			
11	Lack of processing facilities			
12	Lack of means of transportation			
13	Increasing population			
14	Low income (poverty)			
15	Conflicts			
16	Lack of health facilities			
17.	Lack of security facilities			
18	Pest attacks			
19	Reptiles invasion			
20	Outbreak of diseases and epidemics			
21	Food shortage/ hunger			
22	Water pollution			
23	Loss of biodiversity			
24	Alteration of agricultural seasons			
25	Low fish catch			
26	Increasing temperature			
27	Security of pastures			
28	Proliferation of weeds			
29	Pressure on social amenities			
30	Increasing internally displayed persons (environmental refugees)			
31	Crop failure			

46. What is the distance from your house to the nearest of each of the disaster risk areas indicated in Table 3?

Table 3: Distance from the house to Disaster Risk Areas

S/No	Disaster Risk Locations	Distance in Km		
		Less than 1Km = 1	1Km = 2	More than 1 Km = 3
i	Coast / shore			
ii	Rivers			
iii	Erosion site			

iv	Gas flare site			
v	Flow station			
vi	Refinery			

IV. IMPACTS OF CLIMATE CHANGE IN THE COMMUNITY

47. Indicate which of the following effects of climate change are more or less on men/ boys than women/girls? Use the Table 4 below.

Table 4: Differential effects of climate change on men/ boys and women/girls

S/No	Impacts of climate change	Effects are more on men/ boys than women/girls = 1	Effects are more on women/girls than men/ boys = 2
i	Extreme rainfall		
ii	Flooding		
iii	Water shortage		
iv	Shortage of fire wood		
v	Livelihood disruption		
vi	Family Dislocation		

Climate change and conflicts

48. How has climate change induced conflicts in this community? Use the Table 5 below.

Table 5: Ways climate change induced conflicts in the community

S/No	Ways climate change induced conflicts	Magnitude of impact on conflicts	
		Increase = 1	Decrease = 2
i	Scarcity of grazing lands		
ii	Depletion of fishing grounds		
iii	Decreasing fresh water		
iv	Decreasing arable lands		

Floods

49. Has this community experienced occurrence of flood in recent years? Yes = 1; No = 2
50. If yes, what actions were taken by the household to prevent future flooding? (Tick all that apply)
- Creating gutters = 1; Embankment = 2; Sand bagging = 3;
- Relocating to a place less vulnerable to flooding = 4; Raising the house on pillars = 5

Climate change and Agriculture, Nutrition & Health

Climate change and agriculture

51. Has your household ever experienced any agricultural losses due to climate change?
- Yes = 1; No = 2

52. If yes, what are these agricultural losses? (Tick all that apply)
- Farm land = 1; Farm inputs = 2; Crop failure = 3;
 Loss of livestock = 4; Loss of fish = 5;
 Loss of access to non-timber forest products = 6; Loss of crops to fire = 7

Climate change and Food/ Nutrition

53. How do you get your main food items during climate change incidence in this community?
 Self-grown = 1; Purchased within the community = 2;
 Purchased outside the community = 3; Donation = 4
54. Have you experienced food shortage in the past 10 years? Yes = 1; No = 2
55. If yes, what was the length of the food shortage?
 Week(s) = 1; Month(s) = 2; Year (s) = 3
56. What was the main cause of that food shortage? Flooding = 1; Drought = 2;
 Strong wind = 3; Bush burning = 4; Indiscriminate grazing = 5; Water pollution = 6;
 Outbreak of pests and diseases = 7; Change in rainfall pattern = 8
57. What was the main action taken to deal with the food shortage? Dietary adjustment = 1;
 Out migration = 2; Relief materials from government = 3;
 Increase in production scale = 4; Change of occupation = 5; Livelihood diversification = 6

Climate change and health

58. Which of the following health challenges do any of your household members have?
 Malaria = 1; Respiratory disorders = 2; Typhoid = 3; Diarrhea = 4;
 Cholera = 5; Tuberculosis = 6
59. Which of your household members are most vulnerable to the climate change-induced health challenges? Children = 1; Men = 2; Women = 3
60. How often do members of your household visit the health care facility?
 Never = 1; When necessary = 2; Often = 3

CLIMATE CHANGE AND ENVIRONMENT

Climate change and biodiversity

61. How has vegetation changed in the past 10 – 30 years?
 Improved = 1; Deteriorated = 2; Constant = 3
62. What is the main cause of the change in the vegetation? Bush fire = 1; Tree felling = 2;
 Drought = 3; Flooding = 4; Erosion = 5
63. How has the change in vegetation affected your sources of livelihood?
 No effect = 1; Positively = 2; Negatively = 3

64. How has climate change affected the population of wildlife (e.g. grass cutter, antelopes etc.) in the past 10 – 30 years? Increased = 1; Decreased = 2; Constant = 3
65. What is the main cause of the change in wildlife population? Bush fire = 1; Tree felling = 2; Drought = 3; Flooding = 4; Farming = 5; Hunting = 6
66. How has the change in wildlife population affected your sources of livelihood? No effect = 1; Positively = 2; Negatively = 3

Climate change and shoreline changes (where applicable)

67. How has shoreline changed in the past 10 – 30 years? Increased = 1; Decreased = 2; Constant = 3
68. What caused the changes in the shoreline? Sea level rise = 1; Coastal erosion = 2; Flooding = 3; Don't know = 4
69. How has the change in shoreline affected your livelihood? No effect = 1; Positively = 2; Negatively = 3; Don't know = 4

CLIMATE CHANGE ADAPTATION AND DISASTER RISKS REDUCTION STRATEGIES

70. What immediate measures did you take when climate change occurred? (Tick all that apply)
Livelihood /income diversification = 1; Out migration = 2; Share cropping = 3;
Obtain loans = 4; Use of alternative energy = 5; Pre-mature harvest = 6;
Relocation of livestock = 7

For Crops / Livestock Farmers Only

71. Which of the following strategies did you use in adapting to climate change disasters and how effective were they? Use the Table 6 below.

Table 6: Adaptation strategies to climate change and their effectiveness and affordability

S/No	Strategies	Adoption		If yes, how effective is it?		
		Yes = 1	No = 2	Effective = 1	Not Effective = 2	Not Applicable = 3
i	Mulching					
ii	Terracing					
iii	Contour farming					
iv	Plastic culture					
v	Early planting					
vi	Seasonal rotation					
vii	Water drainage					
	Irrigation					
viii	Use of fertilizers					
ix	Early and frequent weeding					

x	Fallowing					
xi	Crop rotation					
xii	Planting different varieties of crops					
xiii	Rearing different breeds of livestock					
xiv	Adopting different planting times					
xv	Diversifying from farm to non-farm activities					
xvi	Changing from crop to livestock farming					
xvii	Changing from livestock to crop farming					
xviii	Change of soil conservation techniques					
xix	Planting on mounds/ ridges					
xx	Increasing size of cultivated land					
xxi	Planting of early maturing crops					
xxii	Rearing of early maturing livestock					
xxiii	Planting of flood tolerant crop					
xxiv	Planting of drought tolerant crops					
xxv	Planting of salt tolerant crops					
xxvi	Planting of disease/pest resistant varieties					
xxvii	Others					

For Fishers Only

72. Which of the following strategies did you use in adapting to climate change disasters and how effective were they? Use Table 7 below

Table 7: Fishers' household adaptation strategies to climate change and their effectiveness

S/No	Adaptation strategies	Adoption		If yes, how effective is it?		
		Yes = 1	No = 2	Effective = 1	Not effective = 2	Not Applicable = 3
i	Changing from fishing to crop farming					
ii	Changing from fishing to non-farm activities					
iii	Changing from fishing to livestock farming					
iv	Use of motorized vessels					
v	Hunting for different types of fish					
vi	Changing from hunting for one type of fish to another					
vii	Going further ashore					
viii	Relocating to a different fishing ground					
ix	Changing fishing gear					
x	Combining fishing with crop farming					
xi	Combining fishing with livestock farming					
xii	Combining fishing with crop and livestock farming					
xiii	Others					

Women-led community-based initiatives in climate change adaptation and disaster risks reduction

73. How can women be empowered to play key roles in climate change adaptation and disaster risks reduction in this community?

Access to farm inputs = 1;

Access to climate information = 2;

Access to training = 3;

Access to irrigation = 4;

Access to drainage = 5;

Access to extension services = 6;

Access to alternative sources of renewable energy = 7;

Provision of climate-smart agriculture tools = 8;

Access to land = 9;

Access to credit = 10;

Freedom from traditional and cultural barriers = 11

74. Which of these specific roles can women play in climate change adaptation and disaster risks reduction?

Household dietary management = 1;

Proper child care system = 2;

Augmenting family income = 3;

Conservation of water resources = 4;

Conservation of soil resources = 5;

Conservation of forest resources = 6;

Energy management = 7;

Creating awareness = 8;

Advocacy = 9

75. What are the perceived benefits of women-led community-based initiatives in climate change adaptation and disaster risks reduction?

Improved household income = 1;

Reduction of out migration = 2;

Disaster preparedness = 3;

Conservation of biodiversity = 4;

Increased awareness of climate change disaster = 5;

Provision of care facilities to the affected household members = 6

76. How can women's access to information on climate change adaptation and disaster risks reduction be improved?
- Intensification of agricultural extension services = 1;
 - Dissemination of climate change information in local dialects = 2;
 - Dissemination of climate change information on electronic mass media = 3;
 - Participation in community-based women activities = 4;
 - Use of town criers/announcers = 5;
 - Drama on climate change matters = 6;
 - Seminars and workshops on climate change = 7;
 - Making use of interpersonal communicators = 8
77. How can we build women's capacity to take leadership roles in promoting community-based climate change adaptation and disaster risks reduction?
- Exposure to training = 1;
 - Engaging women as trainers = 2;
 - Mentoring = 3;
 - Encouraging girl child education = 4;
 - Improving access to credit facilities = 5
78. What leadership roles can women play in promoting community-based climate change adaptation and disaster risks reduction?
- Women mobilization = 1;
 - Educating other women/ young girls = 2;
 - Act as change agents = 3;
 - Mentoring other women = 4;
 - Awareness creation = 5;
 - Climate change advocacy = 6;
 - Getting involved in climate change action = 7



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DELTA STATE
...The Big Heart

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CHANGE ADAPTATION AND DISASTER RISKS
REDUCTION INITIATIVES IN NIGER DELTA REGION"**



IN-DEPTH INTERVIEW GUIDE FOR KEY INFORMANTS

2018

Name of LGA _____
Name of Community _____
Name of Interviewer _____
Date of interview _____

INFORMATION OF KEY INFORMANT

1. Gender: Male _____ Female _____
2. Age (in years): 35-45 _____ 46-55 _____ 56-65 _____ >65 _____
3. Name of local leader (optional) _____
4. Type of leader: Traditional leader _____ Town Union _____ Women leader _____
Youth leader _____ Age grade leader _____ Social group leader _____
Others (specify) _____
5. How long have you been in this leadership position? : < 5yrs _____ 5-10yrs. _____
10-15yrs. _____ 16-20yrs _____ >20yrs _____
6. What is your educational qualification? Informal education _____
Primary education _____ Secondary education _____ Tertiary education _____

INFORMATION ON THE COMMUNITY

7. What are the important social groups in this community? (Probe further about membership and functions)
8. What infrastructural facilities are present in this community? (Probe for the type and condition of the facilities).
9. What are the common income-generating activities of people in this community? (Probe further on relative importance to family income).
10. What is the total number of motorable roads in this community?
11. What is the number of exit roads from this community?
12. What is the distance (Km) from your home to a motorable road?
13. What is the time (minutes) to trek from your home to a motorable road?
14. What are the main sources of drinking water in this community?
15. What are the types of toilet facilities in this community?
16. In what ways are refuse disposed off in this community?
17. What is the average distance (Km) of the community from the nearest coast?
18. What is the average distance of the community from the nearest river?

CLIMATE CHANGE AND CLIMATE-INDUCED HAZARDS

19. Have you heard about climate change before?
20. If your answer above is **yes**, what is your understanding of it?

21. How did you become aware of climate change?
22. How will you generally describe the present climatic conditions in this community compared to the situation 10 years ago?
23. How would you describe the conditions of land, vegetation, wildlife and water resources of this community, compared to the situation about 10 years ago?
24. What are the climate change-related problems that occur in this community?
25. How do the climate change-related problems affect your livelihood activities?
26. What activities promote each of the following climate change hazards in this community?
 - * Soil erosion
 - * Flooding
 - * Early rainfall
 - * Late rainfall
 - * Long dry season
 - * Short dry season
 - * High wind speed
 - * Excessive heat
27. What measures are being adopted in this community to check the following climate change hazards?
 - * Soil erosion
 - * Flooding
 - * Early rainfall
 - * Late rainfall
 - * Long dry season
 - * Short dry season
 - * High wind speed
 - * Excessive heat
28. What factors enable you to cope with each of the climate change hazards listed in question 27?
29. What constraints do you have in coping with each of the climate change hazards listed in question 27?
30. What do you think can be done to enhance your capacity to cope with each of the climate change hazards listed in question 27?
31. How much loss (in Naira) do you incur when climate change-related hazards occur? (Get an average)
32. How much does it cost you (in Naira) to cope / adapt when climate change-related problems occur? (Get an average)

- 33. How does harmattan affect fruit production in your locality?
- 34. What measures do you adopt in coping with the effect of harmattan on fruit production in your locality?
- 35. How effective are these coping methods?
- 36. What do you want to be done to be able to cope better with the effect of harmattan?

WOMEN AND COMMUNITY-BASED ADAPTATION INITIATIVES

- 37. What are the women-led community-based initiatives on climate change and disaster risks reduction in this community? (Probe further)
- 38. What activities do women embark on for community-based climate change adaptation and disaster risks reduction?
- 39. How can we build women's capacity to take leadership roles in promoting community-based climate change adaptation and disaster risks reduction?

LEADERSHIP AND PARTICIPATION

- 40. Would you permit your wife to participate in a group where you are a member? (For male key informant)
- 41. Would you allow your wife to hold an office in a group in which you are a member? (For male key informant)
- 42. Would you like to be a member of the same group with your husband? (For female key informant)
- 43. Would you agree to be a leader in a group where your husband is a member? (For female key informant)

COMMUNITY-BASED INITIATIVES (CBIs)

- 44. What are other community-based initiatives in this area? (Probe further)
- 45. How can these other CBIs be strengthened to adapt to climate change and disaster risks?



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DELTA STATE
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CHANGE ADAPTATION AND DISASTER RISKS
REDUCTION INITIATIVES IN NIGER DELTA REGION"**



**FOCUSED GROUP
DISCUSSION GUIDE**

2018

Name of LGA: _____

Name of Community: _____

Type of group: (Adult males); (Adult females); (Adult males & females)

Number of participants in FGD: _____

Name of Moderator: _____

Name of Recorder: _____

Date: _____

INFORMATION ON THE COMMUNITY

1. What are the important social groups in this community? (Probe further about membership and functions)
2. What infrastructural facilities are present in this community? (Probe for the type and condition of the facilities).
3. What are the common income-generating activities of people in this community? (Probe further on relative importance to family income)

CLIMATE CHANGE AND CLIMATE-INDUCED HAZARDS

4. Have you heard about climate change before? (Put it to vote)
5. If your answer above is yes, what is your understanding of it?
6. How did you become aware of climate change?
7. How will you generally describe the present climatic conditions in this community compared to the situation 10 years ago?
8. How would you describe the present conditions of land, vegetation, wildlife and water resources of this community, compared to the situation about 10 years ago?
9. What are the climate change-related problems that occur in this community?
10. How do the climate change-related problems affect the livelihood activities in the community?
11. What activities promote each of the following climate change hazards in this community?
 - ✱ Soil erosion
 - ✱ Flooding
 - ✱ Early rainfall
 - ✱ Late rainfall
 - ✱ Long dry season
 - ✱ Short dry season
 - ✱ High wind speed
 - ✱ Excessive heat

12. What measures are being adopted in this community to check the following climate change hazards?
- * Soil erosion
 - * Flooding
 - * Early rainfall
 - * Late rainfall
 - * Long dry season
 - * Short dry season
 - * High wind speed
 - * Excessive heat
13. What factors enable you to cope with each of the climate change hazards listed in question 12?
14. What constraints do you have in coping with each of the climate change hazards listed in question 12?
15. What can be done to enhance your capacity to cope with each of the climate change hazards in question 12?
16. How much loss (in Naira) do you incur when climate change-related hazards occur? (Get an average)
17. How much does it cost you (in Naira) to cope / adapt when climate change-related problems occur? (Get an average)

WOMEN AND COMMUNITY-BASED ADAPTATION INITIATIVES (For women group only)

18. What activities do women embark on for community-based climate change adaptation and disaster risks reduction?
19. What are the women-led community-based initiatives on climate change and disaster risks reduction in this community? (Probe further)
20. How can we build women's capacity to take leadership roles in promoting community-based climate change adaptation and disaster risks reduction?

LEADERSHIP AND PARTICIPATION (Provide percentage responses for the questions below)

21. Would you permit your wife to participate in a group where you are a member? (For men group. Put to vote)
22. Would you allow your wife to hold an office in a group in which you are a member? (For men group. Put to vote)
23. Would you like to be a member of the same group with your husband? (For women group. Put

to vote)

24. Would you agree to be a leader in a group where your husband is a member? (For women group. Put to vote)

COMMUNITY-BASED INITIATIVES (CBIs)

25. What are other community-based initiatives (CBIs) in this area? (Probe further)
26. How can we strengthen these other CBIs to adapt to climate change and disaster risks?