

Annexure 3: Household Interview Schedule

Social Vulnerability and Resilience to Climate Change In Gujarat
- **A Social Work Response to Vulnerable Communities**
(State : Gujarat, District _____)

General Information:

Date: -----

Household Number:

- i. Name of the Village:
- j. Name of the Respondent:
- k. Sex:
- l. Caste:
- m. Marital Status:
- n. Age of the Respondent:
- o. Qualification of the Respondent:
- p. Occupation of the Respondent:
- q. Role Position of the Respondent with respect to household head:
- r. Contact Number: Mobile:

Kindly answer the following with regards to your household

- 1. Resident of the community since : No. of Year:
- 2. Location of the house: (Observe: How many meters away from coast, connectivity with the village, main road,)
- 3. Type of house:
 - 1. Pucca
 - 2. Semi Pucca
 - 3. Kuccha
 - 4. Thatched
 - 5. Other, Specify
- 4. The house has
 - 1. Courtyard
 - 2. latrines
 - 3. Bathrooms
 - 4. Ventilation
 - 5. Separate Kitchen
 - 6. Store Room
 - 7. Special Observation about the household:
- 5. Type of Family: Total Number of Family Members:
 - 1. Joint
 - 2. Nuclear
 - 3. Extended
 - 4. Other, specify

6. Household details:

| Sr. No. | Members (role wise) | Age Yrs | Sex M=1 F=2 | Marital Status Married=1 Unmarried=2 Divorcee=3 Separated=4 Any other =5 | Education | Occupation | Income Rs./month | Migration for livelihood |
|---------|---------------------|---------|-------------|--|-----------|------------|------------------|--------------------------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

7. Is the household able to save money monthly? a= Yes b= No

If yes, in what form do you save it

- Cash at household
- Saving accounts in bank
- Gold and Silver
- Business
- Any other, specify

8. Compared to other families in your community, how would you rate the economic status of your household?

- Below Average
- Average
- Above average

9. How would you rate your household income level, based on your expenses?

- Usually not enough to cover important household expenses
- Just enough to cover important household expenses
- Usually have some left after important household expenses

10. Indebtness of the household

1. Does your household takes any debt a= Yes b= No

If No, go to question number 11

- For what reason does the household requires to take debt
 - Household expenses
 - Marriage expenses
 - Religious Practices

- i. Livelihood Purpose
- j. Construction of house/Renovation of house
- k. Any other, specify:

3. Generally, you take loan from
- a. Bank
 - b. Money lender from the village
 - c. Relatives
 - d. Community organizations
 - e. Others, specify

4. Is the household able to repay debt? A= Yes b= No

11. Migration Status of the household.

Probe: If the family has migrated from any other place: from where, why, when, status of migration is permanent/seasonal/how many members have migrated/

Probe: If any member of the household migrated to any other place: from where, why, when, status of migration is permanent/seasonal/how many members have migrated/

12. Health Status at the household level :

| Sr. No | Role of the person | Health Problem | Health Service Provider | Problems in care giving |
|--------|--------------------|----------------|-------------------------|-------------------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

13. Person with special needs at the household level

- 1. Does the household have any person with special needs: a= Yes
b=No
- 2. Provide the details of such persons along with their need
 - a.
 - b.
 - c.

14. Exposure of household to any of the following climate impacts?

| Climate Hazard | Check if yes | Intensity | | | Damage |
|-----------------|--------------|-----------|--------|-----|--------|
| | | High | Medium | Low | |
| Storm Surge | | | | | |
| Coastal Erosion | | | | | |
| Cyclone | | | | | |
| Flood | | | | | |
| Salinity | | | | | |
| Tsunami | | | | | |
| Others, specify | | | | | |

15. What is your household affiliation?

| Type | Total Members | Members from your HH | How long have they been affiliated | Activities carried out |
|--------------------------|---------------|----------------------|------------------------------------|------------------------|
| Community | | | | |
| Religious | | | | |
| Self Help Group, Specify | | | | |
| Occupational, Specify | | | | |
| Government | | | | |
| Others | | | | |

Probe: Ask whether these groups are active/when do they meet/where do they meet/what kind of activities are they involved in/ what is the contribution of the HH in these activities

16. Amenities for the household and life line:

| Amenities | Basic | Back up in time of stress/emergency |
|---|-------|-------------------------------------|
| Drinking Water | | |
| Electricity | | |
| Shelter | | |
| Health Care | | |
| Communication TV Radio Telephone Mobile | | |
| Transportation | | |
| Occupational Tools | | |

17. Your household is utilizing which of the following coastal and marine resources and related goods and services for personal consumption and income generation?

| Sr. No | Resources | Goods and Services | % household consumption | % Sale |
|--------|-----------------|-----------------------------|-------------------------|--------|
| 1 | Coral Reefs | Fisheries | | |
| | | Tourism/recreation | | |
| | | Cultural value and services | | |
| | | Coastal Protection | | |
| 2 | Mangroves | Wood for building | | |
| | | Wood for Cooking | | |
| | | Wood for charcoal | | |
| | | Fisheries | | |
| | | Protection | | |
| 3 | Others, specify | | | |
| | | | | |
| | | | | |

18. What are the main livelihood sources for your household for household use and income generation?

| Sr. No. | Source | Household use | Income generation | Members engaged and role |
|---------|-----------------------|---------------|-------------------|--------------------------|
| 1 | Fishing | | | |
| 2 | Other marine life | | | |
| 3 | Livestock | | | |
| 4 | Handicrafts | | | |
| 5 | Salary for employment | | | |
| 6 | Money from relatives | | | |
| 7 | Private Business | | | |
| 8 | Pension | | | |
| 9 | Others, specify | | | |

19. What are the possible alternative and supplementary livelihoods for your household?

| Sr. No. | Alternative Livelihood | Opportunities | Threats | Knowledge | Capability |
|---------|--------------------------|---------------|---------|-----------|------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | Supplementary Livelihood | | | | |
| | | | | | |
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20. Which of the following climate related hazards and impacts has your household witnessed?

| Sr No | Climate Hazards | Experience d in past 20 years | Frequency 1=Low 2=Medium 3=High | Sensitivity 1=Low 2=Medium 3=High | Negative impact on household 1=Low 2=Medium 3=High | Difficulty of coping with hazard 1=Low 2=Medium 3=High | Total Vulnerability rating (Sum of A+B+C+ D) |
|-------|-------------------------------------|-------------------------------|--|--|---|---|---|
| | | | A | B | C | D | |
| 1 | Storm surge | | | | | | |
| 2 | Cyclone | | | | | | |
| 3 | Coastal erosion | | | | | | |
| 4 | Sea Level Rise | | | | | | |
| 5 | Salinity ingress in the fields | | | | | | |
| 6 | Salinity ingress in the wells | | | | | | |
| 7 | Changes in seasons | | | | | | |
| 8 | Drought | | | | | | |
| 9 | Flood | | | | | | |
| 10 | Increased water surface temperature | | | | | | |
| 11 | Coral bleaching | | | | | | |
| 12 | Hotter climate | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |

21. Which of the following source is used by the household for accessing information about climate related knowledge and how is this information used?

| Sr. No. | Sources of Climate Related Knowledge | Get Information | Use this information |
|---------|--------------------------------------|-----------------|----------------------|
| 1 | Meteorological Services | | |
| 2 | Government persons | | |
| 3 | Village Leaders | | |
| 4 | School Teachers | | |
| 5 | Family and Friends | | |
| 6 | Newspaper | | |
| 7 | Radio | | |
| 8 | Public Address System | | |
| 9 | Others | | |

Probe: If the household gets information but does not utilizes it, why do they not utilize it? Also what kind of information is needed by them but they cannot access it and what are the barriers to accessing this information.

22. What kinds of formal and informal networks supporting climate hazard reduction and adaptation are there and how does your household benefit from them?

Probe: Quality and effectiveness of such networks

| Sr. No. | Networks supporting Climate Change | No. of members | Scope of climate change issues being addressed | Gaps/ Needs of the Group |
|---------|------------------------------------|----------------|--|--------------------------|
| 1. | Community Networks(Samaj) | | | |
| 2. | Family Network | | | |
| 3. | Religious Network | | | |
| 4. | Self Help Groups | | | |
| 5. | Occupational Groups | | | |
| 6. | Others, specify | | | |
| | | | | |
| | | | | |

23. One a scale of agreement , please rate the following related to perception of the household regarding the ability of community to organize (Learn, Plan, Make necessary changes to cope with climate change related impacts)

| Sr. No. | Statement | Strong Agree | Agree | Neutral | Agree | Strongly Disagree |
|---------|---|--------------|-------|---------|-------|-------------------|
| 1 | Community plans to deal with climate related events | | | | | |
| 2 | Community is able to coordinate activities to respond quickly to the impacts of natural events | | | | | |
| 3 | Community is able to reorganize to respond to new situation | | | | | |
| 4 | Community has institutions that support us when we need to reorganize to cope with new situations or problems | | | | | |
| 5 | Community members work well with each other | | | | | |
| 6 | Community is able to access outside support when needed | | | | | |

24. Our household attitude towards governance and leadership

| Sr. No. | Statement | Strong Agree | Agree | Neutral | Agree | Strongly Disagree |
|---------|---|--------------|-------|---------|-------|-------------------|
| 1 | Community leaders have successfully lead us through climate related events in the past | | | | | |
| 2 | Community leaders are interested in climate change issues and the impacts on our community | | | | | |
| 3 | Community leaders who have knowledge and skills to effectively take charge of climate change adaptation | | | | | |

| | | | | | | |
|----|---|--|--|--|--|--|
| 4 | We trust our leaders to lead the community through climate change adaptation | | | | | |
| 5 | Community leaders/government officials inform us of national or regional climate change policy or initiatives that may impact our community | | | | | |
| 6 | Community leaders inform us where we can get climate related information | | | | | |
| 7 | Leaders suggest to us what we can do to adapt to changing climate | | | | | |
| 8 | Leaders provide us with the resources we need for climate change adaptation activities | | | | | |
| 9 | Leaders encourage community members to take part in climate adaptation planning | | | | | |
| 10 | Our voice is heard in community planning for climate change adaptation | | | | | |
| 11 | We have had the opportunity to participate in community level decision making | | | | | |