

Guidelines for Making a Questionnaire on Perception Survey

Questionnaire Topics

Variables

1. Respondent Characteristics

Age, Gender, Education, Employment, Income level, Head of the Household, Household Characteristics: building material of dwellings, Number of dependent persons (Children and elderly)

2. Previous experience to natural hazard events

- Personal experience (Residence ^{affected} ~~flooded~~ during previous ~~events~~ ^{events}, evacuation during previous hazard event)

3. Recovery after the event

- Recovery based mainly on own resources and social networks
- Recovery based on support of authorities

4. Awareness

- Awareness of exposure to natural ~~hazard~~ ^{hazard} in the living area
- Perception of the causes
- Perception of the consequences

5. Worry

- Degree of worry regarding the occurrence of the natural hazard
- Degree of worry regarding

Questionnaire Topics

Variables

- the safety of the relatives
- Safety of the household goods

Preparedness

- Self assessed level of personal preparedness
- Measures required for community preparedness
- Measures required for institutional preparedness
- Responsibility for implementing preparedness measures

Questionnaire Regarding Perception of Drought

Form no

Date

1. Village details

Name

Block

District

2. Respondent details

Name

Gender (M/F)

Age

Education

Relation with house head

3. What is the main source of income?

i) Agriculture

ii) Livestock

iii) Agricultural labour

iv) Small business

v) Others (specify)

Farmers' Perception of drought and its impacts

4. What is drought?

Drought is i) Natural disaster

ii) Manmade disaster

5. What are the impacts of drought?

i) Drying of water sources

ii) Famine

iii) Crop failure

iv) Loss of livestock

v) Poor health of human/malnutrition

vi) Poor health of livestock

vii) Increase in food prices

viii) Other impacts on livelihood

6. Have you ever experienced any other droughts except current drought? (Yes/No)

If yes, specify years:

7. Do you think droughts are becoming more or less frequent in last 10-12 years?

i) More

ii) No difference

iii) Less

iv) Don't know

8. ~~Do you think~~
 8. How do you get information on weather forecasts?
 i) No information ii) Radio/Tv iii) from friends
 or neighbours iv) Newspapers v) Self judgment
 vi) Traditional knowledge sources vii) Other (specify)

9. Can you anticipate onset of drought? Yes/No

10. How do you respond to drought forecast?

11. How prepared do you consider yourself to deal with drought?
 i) very high ii) High iii) Medium iv) Less v) Very less

12. Do you delay repayment of loan due to drought?
 i) Inability to pay by fulfilling household needs.
 ii) Subsidy (~~subsidy~~) expectation from government
 iii) Reduction in income due to crop failure
 iv) Other reasons

13. Rate the following Drought impacts

Scale	Very High	High	Medium	Low	Very Low
Drought has caused food scarcity					
Drought caused malnutrition					
Drought affected on health					
Drought caused unemployment					
Drought caused population migration					
Drought affected schooling of children					
Drought caused a sense of loss					

14. Reported farmer's suicide in village. If yes, major reasons
 i) Indebtness ii) Drought iii) Family Problem iv) Others

15. Problems related to livestock

NO	Less production	Water & pasture Shortage	Lack of market
Normal year			
Drought year			

16. How do you rate following environmental changes caused by drought

Scale	very high	High	Medium	Less	very less
i) Forest degradation					
ii). Pasture degradation					
iii) Water scarcity in surface water bodies					
iv) Deteriorated water quality					

17. Household Preparedness

How do you prepare during normal year to cope with drought,
 i. Do nothing ii. Store crop harvest iii. Store crop residues for livestock
 iv. Save money v. Migration for employment
 vi. Seek alternative source of income vii. Use less water consuming crops

18. Agriculture adaptations used to mitigate drought impacts

Scale	very high	High	Medium	Less	very less
i. Do you change crop calendar?					
ii) Do you change to less water consuming crops?					
iii) Do you change traditional irrigation practices to sprinkler, drip irrigation etc.					

Scale	Very High	High	Medium	Less	Very less
iv) Do you use water harvesting through farm pond, in-situ conservation					
v) Do you reduce wastage during drought year					

Administrative Mitigation Measures

19. Do you have information about government National Rural Employment Guarantee Scheme (NREGA)?
(Yes/NO)

* If Yes, Do you ask for job?

* Do you get sufficient job opportunity?

* Rate your satisfaction with NREGA

i. Very High ii. High iii. Medium iv. Less v. Very less

* Specify the drawbacks of NREGA

20. Crop Insurance: (कृषि बीमा)

* Do you always have crop insurance in drought year?
(Yes/NO)

* If yes, do you get sufficient compensations?

* Are you satisfied with government crop insurance scheme? Rate your satisfaction on following scale

i. Very High ii. High iii. Medium iv. Less v. Very less

21. Loan Subsidies (कृषि ऋण सहायता)

* Do you have Kissan Credit Card? Yes/NO

* Are you able to pay back loan in drought year? Yes/NO

o. If NO, why?

i. Crop failure due to drought

ii. Waiting for loan subsidies from govt. due to drought

Landslide Risk Perception Survey

Questions	Variables (Responses)
Q.1. Why do you decide to live in this neighborhood?	<ul style="list-style-type: none">• I moved from another neighborhood• I have lived here since I was born
Q.2. What do you like most about your neighborhood?	<ul style="list-style-type: none">• Neighborly and peaceful• Near the city centre• I don't like it• I like the neighborhood but I don't know why
Q.3. What concerns you most about the neighborhood?	<ul style="list-style-type: none">• Bad disposition of buildings• Water shortages• Landslides• Roads
Q.4. Do you know what a landslide is?	<ul style="list-style-type: none">• Yes• NO
Q.5. To what extent are landslides a threat to your life/quality of life or well-being?	<ul style="list-style-type: none">• Not a threat• Major threat• Medium threat
Q.6. How often do you think about them?	<ul style="list-style-type: none">• Only when it rains• Never• Everyday
Q.7. What measures do you think about them could be taken to prevent landslides?	<ul style="list-style-type: none">• Engineering Works by the Govt• Avoiding stability-affecting anthropogenic activities

- Removing residents
- Not living in high risk areas
- Landslides cannot be avoided
- Using appropriate building techniques