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# National Institute of Science Education and Research Bhubaneswar Interview Schedule for

### Assessing the Impact of Fani Cyclone on Rural Households in Sandhapur and Bhagabat Patna Village, Gorual Revenue Circle, Brahmagiri Tahasil, Puri District Odisha

#### **Introduction and Informed Consent**

Namaskar! My Name is and I am a student of Integrated MSc, NISER Bhubaneswar. We are conducting a survey in your village to assess the impact of FANI cyclone on rural economy. We would very much appreciate the participation of your household in this survey. The survey usually takes about 20 minutes to complete. Whatever information you provide will be kept strictly confidential.  Participation in this survey is voluntary and you can choose not to answer any questions. However, we hope that you will participate in this survey since your participation is important.  At this time, do you want to ask me anything about the survey?  ANSWER ANY QUESTIONS AND ADDRESS RESPONDENT'S CONCERNS.  May I begin the interview now?
Name of the interviewer: Date:Time

#### **IDENTIFICATION OF THE HOUSEHOLD**

Name of the Village	Sandhapur/Bhagabat Patna	Name of the Head of the Household	ead of the	
	Sandhapui/Bhagabat I atha	Household		
Name of the Panchayat		Name of the Respondent		
Name of the Block	Brahmagiri	Age of the Respondent		
		Respondent	Male	Female
Name of the District	Puri	Education of the respondent (in years)		
		Total adult members in family	Male	Female
		Total children below 14	Male	Female
		years age		

#### **BLOCK-1: DEMOGRAPHIC DETAILS OF THE HOUSEHOLD**

LIN FAMILY MEMBERS REL SEX AGE MARITA EDUCATION PRIMAR Y OCCUP INCOME SECON OCCUP	SECON				
NO N TO HH STATUS Y Y SECON OCCUP INCOME					
HH OCCUP INCOME					
	E INCOM				
Please give me the names Relat Is How IF AGE 10 IF AGE 5 OR If age 10 What is If age	10 or What				
of your family members, ion (Name) old is OR OLDER or Older the Old					
starting with the head of (Nam male or (Name OLDER What is the monthly	monthl				
the family e) to female? )? What is level of What is income What is	-				
the education the irom secon					
head (In current (Name) has occupati occupati of t					
(1) of years) marital attended? on of the on? (Nan					
hous status of (Name)?	occupa				
ehold (Name)?	tion?				
(2) ?(3) (4) (5) (6) (7) (8) (9) (10	)) (11)				
M F STANDARD					
02 TE N	_				
	_				
	]				
04 1 2 TE N					
05 TE N					
06 TE N	7				
07   1 2   TE N   TE N	7				
08 TE N	7				
09 TE N	7				
10 TE N	7				
11   1 2   TE N   TE N	7				
12 TE N	7				
13 TE N					
14     1 2       TE N	7				
15 TE N	7				
CODES FOR Q.3 RELATIONSHIP TO HEAD OF HOUSEHOLD CODES FOR Q.5 AGE CODES FOR (					
01=HEAD 10=BROTHER-IN-LAW 00=AGE LESS THAN ONE	STANDARD				
02=WIFE OR HUSBAND OR SISTER IN LAW  ONE SISTER IN LAW  ONE AGE LESS THAN ONE THAN O	N ONE YEAR				
03=SON OR DAUGHTER 11=NIECE/NEPHEW 95-AGE 95 YEARS OR COMPLETED					
04=SON-IN-LAW OR 12=OTHER RELATIVE MORE 98=DON"T KN	OW				
DAUGHTER-IN-LAW 13=ADOPTED/FOSTER/ CODES FOR O 6 MARITAL STATUS					
05=GRANDCHILD STEP CHILD 1_CUIDDENTI V 4_SEDADATEI					
00=GREAT GRAND CHILD 14=DOMESTIC SERVANT MARRIED 5-DESERTED					
0/=PARENT 15=01HER NOT RELATED 2- WIDOW(ED) 6-LIN MADDIE	ED				
08=PARENT-IN-LAW 98=DON'T KNOW 2= WIDOW(EK) 0=UN MARKII 09=BROTHER OR SISTER 3=DIVORCED 98=DON'T KN					
U9=BROTHER OR SISTER  CODES FOR OCCUPATION					
11=Regular job in public sector; 12=Regular job in private sector; 13=Casual job in public sector; 14=Casual job in private sector					
15=Casual agricultural worker; 16=Own business; 17=Farming in own land; 18= Share croppers; 19=Household chores					
20=Collection of firewood and sale; 21=Domestic servant; 22=Student; 23=Remittance; 96= Other(specify)					

**BLOCK-2: HOUSEHOLD DETAILS** 

Line	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP	
No 201	What is your Religion?	Hindu       11         Muslim       12         Christian       13         Other       96         Do not know       98		
202	What is your Caste?	Specify the caste		
203	Your caste comes under which category?	General.       11         OBC.       12         SC.       13         ST.       14         Do not know.       98		
204	Do you face caste discrimination in your village or locality?	Yes		
205	What economic category does your family come in?	APL		
206	Does your family get sufficient food throughout the year?	Yes		
207	How many days or months in a year your family faces food constraint?	Days in a year  Months in a year		
208	Do you own the house now you are living in?	Yes	<b>214</b>	
209	Do you have land record (Patta) of the house plot you are currently living?	Yes		
210	If no what is the reason?	Government Land		
211	What is the area of this house plot?	LOCAL UNIT (SPECIFY)  CONVERT INTO SQUARE FEET		
212	Do you have any other house?	Yes	215	
213	What is the size of that house plot?	1. LOCAL UNIT  (SPECIFY)  CONVERT INTO SQUARE FEET  2. LOCAL UNIT  (SPECIFY)  CONVERT INTO SQUARE FEET	→ 215	

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
214	If not, whose home are you living in?	Rented       11         Friends/Relatives       12         Refugee Camp       13         Other       .96         (SPECIFY)	
215	Does your family have agricultural land?	Yes	→ 219
216	How much agricultural land does your family have?	LOCAL UNIT(SPECIFY)  CONVERT INTO ACRES	
217	Is your agricultural land irrigated?	Yes all       11         No not at all       12         Partly irrigated       13         Irrigated Land       Unirrigated Land	
218	What all crops do you grow?	Khariff Rabi Crop Annual Crop Annual Name Income Name Income	
219	Does your family have other non-cultivable land?	Yes	221
220	How much other non-cultivable land does your family have?	ACRES	
221	Total Number of Rooms the Household has		
222	Number of Kutchha Rooms (Observe Roof material, thatched, asbestos)		
223	Number of semi-pucca houses (Observe roof materials, roof sheets)		
224	Number of Pucca Rooms (Observe Roof Material, Concrete)		

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
	Does your family have followings?		
225		Yes No ELECTRICITY 1 2	
225	Electricity?	RADIO	
	A radio or transistor?	TELEVISION . 1 2	
	A Television?	MOBILE PHONE 1 2	
	A mobile phone?	ANY OTHER TYPE OF TELEPHONE. 1 2	
	Any other type of telephone?	COMPUTER/laptop 1 2	
	A computer/laptop?	BICYCLE 1 2	
	A bicycle?	MOTORCYCLE OR SCOOTER 1 2	
	A motorcycle or scooter?	CAR	
	A car?	Truck         1         2           TRACTOR         1         2	
	A tractor?	LPG Connection 1 2	
	LPG connection?	Internet connection	
	Internet connection	internet connection	
226	How many family members have smart phone?		
		Yes1	
227	Does the family have a toilet?	No	
	Does the family have a toilet?		
		Yes1	
228	Do all your family members use the toilet?	No	
		Do not like11	
220	If Q.228 is No what is the reason?	No water supply12	
229		Other(specify)13	
		Supply Water11	
230	From where does the family fetch drinking	Tube-well12	
	water	Village well	
	Water	Own-well 14	
		Pond/river	
		Other (specify)16	
231		Water purifier11	
	Do you adopt any other precautionary	Water filter 12	
	measure for purifying your drinking water?	Boil	
	measure for parifying your armixing water:	Add Clorine/Halogen tablets14	
		Sedimentation	
		Any other (specify)96.	
232		Animal Number Income Earned	
	Does your family have following animals?	annually	
		Cow Bullock	
		Goat	
		Ship	
		Buffalo	

#### **BLOCK 3: INFORMATION ABOUT FANI**

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES			
301	From where did you come to know about Fani cyclone first?	TV			
302	How early did you know about Fani?	Days Before Landfall on May 4         Same day       Before one day days         Before three days       Before four days         Before six days       Before seven days			
303	Do you use any Social media like Facebook, Twitter, Whatsapp?	YesNo			
304	Which social media do you use?	Facebook         1           Twitter         2           Whatsapp         3           Tiktok         4           Instagram         5           Any other(Specify)         6			
305	Does any other family member of your family use social media, Facebook, Twitter, Whatsapp?	YesNo.			
306	Did you get any news of Fani in any social media?	YesNo			
307	Was the information available on social media about Fani Cyclone accurate?	YesNo			
308	Usually which source of information on disasters like Fani you rely on most?	TV       1         Radio       2         Newspaper       3         Facebook       4         Whatsapp       5         Twitter       6         Public Announcement by the Govt agency       .7         Heard from friends/neighbours       8         SMS sent by Govt       9         Any other source (specify)       10			
309	Where did you stay during the Cyclone Fani?	At Home			

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
310	If moved to shelter home when did you move	Same day of Cyclone's landfall	
311	Did all family members move to the shelter home?	Yes. 1 No	
312	How long did you stay in the shelter home?	Less than a day Write number of Days	
313	What all facilities were provided at the shelter home?	Food	
314	Were the facilities at shelter home adequate?	Yes	
315	Did you take your domestic animals with you?	Yes	
316	Do you have any suggestions to improve the facilities at shelter home during the cyclone		
317	Do you have any suggestions to improve the early warning system better?		
318	Do you have any suggestions to improve the relief distribution mechanism and make it more effective?		

#### **BLOCK 4 IMPACT OF FANI ON THE HOUSEHOLD**

NO.	QUESTIONS AND FILTERS	CODING CAT	EGORIES		SKIP
401	Was your house damaged due to Fani?	Nature of Damage	Money required for repairing	Compensation received from the govt.	
402	If house was completely damaged where did the stay?	Cyclone shelter ho School building Make shift home Tent house Other shelter home		2 3 4	
403	How long you had to stay outside your home?	Number of days			
404	Any human casualty in your family?	Name	Age at death	Compensation received if any?	
405	Any injury to any members of household?	Name	Expenditure incurred for treatment	Compensation received if any?	
406	Damage of Other property	Nature of Damage	Cost incurred for repairing	Compensation received from the govt.	
407	Number of trees broke	Name of the tree	Expecte value of the matured tree	received from the govt	

NO.	QUESTIONS AND FILTERS	CODING	CATEGO	ORIES		SKIP
408	Number of fruit bearing trees	Name of the tree	Numbers	Annual earnings foregone	Compensation received from the govt.	
409	Number of other trees?					
408	Crops loss	Crop Name	Area in acres	Output loss in monetary terms	Compensation received	
409		A : 1	N	T		
409	Death of domestic animals?	Animal Name	Number	Loss in monetary terms	Compensation received	
410	Any other loses if any	Nature of loss	Number	Loss in monetary terms	Compensation received	
411	Did any member of your household have any health issues during the cyclone?	Yes No			1	
412	If yes what was the problem?					
413	Was the health issue due to the cyclone?				1	
414	How did you avail the health care during the cyclone?	Could avail	health care	on time		
415	Did any member of the household have any health issue after the cyclone What was the health issue?				1	
417	Is the household running any business?				1	

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
418	If yes, did the household suffer any loss of business during the cyclone?	Name of Business Value of Loss Compensation received	
419	Number of days spent without electricity		
420	Alternative arrangements the households did for electricity	Generator       1         Battery       2         Candle light       3         Kerosene       4         Other (specify)       5	
421	Additional expenses incurred due to unavailability of power	Total value during the entire period	
422	Any direct loss due to unavailability of electricity	Yes	
423	Did you face any problem in getting drinking water	Yes	
424	If yes, from where did you collect the drinking water during and after the cyclone?	Pulled from own well	
425	Did you face any problem in using toilets during the cyclone?	No	
426	Did you face any problem in cooking food during and after the cyclone?	Yes	
427	If yes, How did you manage to eat food?	Ate in public kitchen	
428	Did you face any difficulty in getting vegetables during the cyclone?	Yes	
429	Did you face any difficulty in getting grocery items during the cyclone?	Yes	
430	Did you have any insurance?	Life         Yes1         No2           Property         Yes1         No2           Crop         Yes1         No2           Animals         Yes1         No2           Other         Yes1         No2	
431	Did you get any compensation from any insurance agencies?	Life Sum Received Property Crop Animals Other (Specify)	

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
432	Did you receive any other assistance from any NGO or aid agencies?	Yes.       1         No.       2	
433	What all relief materials did you get from govt agencies?	Cash compensation       1         Food packets       2         Dress       3         Make shift house       4         Candles       5	
434	How did you come to know about the relief package scheme of the government?	TV	
435	What all relief materials did you get from non-govt. agencies	Cash compensation       1         Food packets       2         Dress       3         Make shift house       4         Candles       5	
436	In your opinion who provides the relief materials most efficiently?	Panchayat officials         1           NGOs         2           Government officials         3           ASHA/Anganwadi workers         4           Volunteers         5           Political leaders         6           Any other         7	

#### **BLOCK 5 COPING STRATEGY AFTER CYCLONE**

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
501	Did you change your house type after cyclone to withstand the cyclone?	Yes	
502	Did you change your cropping pattern after cyclone?	Yes	
503	Did you change your occupation after cyclone?	Yes	
504	Did you have to borrow money for reconstruction of your home?	Yes	
505	Did you have to borrow money for reviving your crop?	Yes         1           No         2           If yes, how much	
506	Did you have to borrow money for resuming your business?	Yes	

## INTERVIEWER'S OBSERVATIONS TO BE FILLEDAFTER COMPLETING INTERVIEW

COMMENT ABOUT RESPONDENT	
	_
COMMENTS ON SPECIFIC QUESTIONS	
ANY OTHER COMMENTS	
	_