



Ministry of Home and Cultural Affairs

Department of Disaster Management

Bhutan Disaster Assessment Tool

Household Level Assessment

Explanatory notes for the completion of the household level assessment of needs after disasters in Bhutan.

This household level assessment will be carried out in parallel with the completion of the Bhutan Disaster Assessment for Local Authorities. Both assessments will be consolidated to provide a picture of the damages caused by the disaster and its impact on the people living in affected areas and a report produced within **15 days** from the onset of the disaster¹.

Responsibility for ensuring that this assessment is carried out (if deemed necessary on the basis of the IADS) lies with the Gup/Thromde representative. He/she may designate whichever officials are considered necessary to carry out the assessment.

GENERAL INFORMATION			
Dzongkhag:	Household Code Number:		
Geog/Thromde:	Assessment Team Members:		
Chiwog/Block:	Area description: Rural Urban	Date of survey: (dd/mm/yyyy)	Start time (am/pm):
Village name:			Finish time (am/pm):
P-code/GPS:			
General Household Information	Before Disaster	After Disaster	
Age and gender of household head:	Male Female	Male Female	
	Age:	Age: As Before	
Age and gender of informant/s for this assessment	Informant 1: Male Female Age:		
	Informant 2: Male Female Age:		
	Informant 3: Male Female Age:		
Indicate if any members of the household are in any of the following categories. Beside the category indicate if there have been any problems because of the disaster.	Disabled		
	Elderly		
	Pregnant		
	Lactating		

¹ Not all disasters are “sudden onset” and the 15 day time frame may need to be considered flexibly for disasters that get worse over time, such as floods, where a disaster is worse than originally thought, or where accessibility and communication are particularly difficult.

	Infants (under the age of 12 months)
	Children under 5

Household priorities and support

<p>What are your greatest problems for your household since the disaster? (Tick top three)</p>	<ul style="list-style-type: none"> Water Sanitation/toilet facilities Food Restoration of livelihood activities Immediate shelter Repairing damaged house Clothing, footwear, bedding Fuel and cooking materials Health care Being able to perform cultural and religious rituals Support for feelings of fear and insecurity Children returning to school Transport and access to markets, health care etc Communication systems Other (specify) Other (specify) Other (specify)
<p>Where do you usually get most support at times of crisis?</p>	<ul style="list-style-type: none"> Central Government Dzongkhag Gewog Thromde YenlagThromde Community members Extended family Nuclear family Self Don't know Other (name)






WASH (Water, Sanitation and Hygiene)

Question	Before Disaster	After Disaster
What was/is the main source of drinking water for your household?	Piped water to dwelling Piped water to compound Piped to neighbour Public tap Protected dug well Unprotected dug well Protected spring Unprotected spring Rainwater collection Tanker-truck Surface water (river, stream, dam, lake, pond, canal, irrigation channel) Bottled water Other (specify)	Piped water to dwelling Piped water to compound Piped to neighbour Public tap Protected dug well Unprotected dug well Protected spring Unprotected spring Rainwater collection Tanker-truck Surface water (river, stream, dam, lake, pond, canal, irrigation channel) Bottled water Other (specify)
How long does it take to go there, collect water and come back?	Tick one only < 10 minutes 10-30 minutes 30 minutes – 1 hour > 1 hour Don't know	Tick one only < 10 minutes 10-30 minutes 30 minutes – 1 hour > 1 hour Don't know
Do you feel you have Is the water sufficient for drinking?	Tick one only Sufficient Insufficient Don't know	Tick one only Sufficient Insufficient Don't know
Estimate how much drinking and cooking water is available for each household member.	Tick one only < 3 litres per day Approximately 3 litres per day > 3 litres per day Don't know	Tick one only < 3 litres per day Approximately 3 litres per day > 3 litres per day Don't know
How is water treated and in the household?	<i>Tick all that apply</i>	<i>Tick all that apply</i> Boiling

	Boiling Chlorination/bleach Strain through a cloth Filtration (ceramic, sand, composite, etc) Solar disinfection Let it stand and settle Covered storage Other (specify) Not treated	Chlorination/bleach Strain through a cloth Filtration (ceramic, sand, composite, etc) Solar disinfection Let it stand and settle Covered storage Other (specify) Not treated																									
How is water stored at the household level?	Tick one only Sufficient clean covered water containers available Insufficient clean covered water containers available	Tick one only Sufficient clean covered water containers available Insufficient clean covered water containers available																									
Where are people currently defecating?	<table border="1"> <thead> <tr> <th>Type of toilet</th> <th>Adult men</th> <th>Adult women</th> <th>Male children</th> <th>Female children</th> </tr> </thead> <tbody> <tr> <td>Open defecation</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Household toilet</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Toilet shared with other households that you know</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Toilet shared with general public</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Type of toilet	Adult men	Adult women	Male children	Female children	Open defecation					Household toilet					Toilet shared with other households that you know					Toilet shared with general public					
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Toilet shared with other households that you know																											
Toilet shared with general public																											
Calculate how many people per functioning communal toilet facility.	Tick one only < 10 10-20 20-30 > 30																										
Is there sufficient water for all household members to bath daily, and for hand washing?	Tick one only Yes for all For cooking and hand-washing but not for daily bathing Insufficient water supply for these needs	Tick one only Yes for all For cooking and hand-washing but not for daily bathing Insufficient water supply for these needs																									
Do you have any soap or detergent (or other locally used cleansing agent) in your household for washing hands?	Tick one only Yes, bar soap Yes, detergent (powder/liquid/paste) Liquid soap Ash/Mud/Sand None	Tick one only Yes, bar soap Yes, detergent (powder/liquid/paste) Liquid soap Ash/Mud/Sand None																									
Do you have bathing facilities that offer privacy and security for all	Tick as appropriate Yes for adult men	Tick as appropriate Yes for adult men																									

household members?	Yes for adult women Yes for boys Yes for girls For no one	Yes for adult women Yes for boys Yes for girls For no one
Do women in the household have access to sanitary napkins?	Yes No NA Don't Know	Yes No NA Don't Know

SHELTER

Question	Pre-emergency situation	Post-emergency situation
Is your house damaged?	<p>No</p> <p>Yes, minor damage. Grade 1 damage = negligible or slight damage.</p>  <p>Yes, Grade 2 = slight structural damage, can be repaired.</p>  <p>Yes, substantial to heavy damage. Grade 3 = moderate structural damage and heavy non-structural damage.</p>  <p>Yes, very heavy damage. Grade 4 = obvious, non-reparable damage.</p>  <p>Yes, completely destroyed. Grade 5 = near or total collapse.</p> 	
What is your present shelter?	<p>In own house (without damage)</p> <p>In own damaged house</p> <p>With neighbours/ relatives/host family</p> <p>Self constructed temporary shelter</p> <p>Tent</p> <p>No shelter</p> <p>Other, <i>specify</i>:</p>	
Are you currently hosting people (extended family, neighbours, others) who do not normally live with you?)	<p>No</p> <p>Yes, if yes how many extra people are living with you?</p>	
Where are you currently residing?	<p>Where they lived before (same land)</p> <p>Displaced but in the same Chiwog/Block as before</p> <p>Displaced but in the same Gewog/Town as before</p> <p>Displaced more than 30 min from home</p>	
If you have relocated, was this...	<p>Somewhere you selected yourself</p> <p>Somewhere you were advised to go to by authorities (e.g based</p>	

	on early warning system). Other, <i>explain</i>	
FOOD and LIVELIHOODS		
Question	Before Disaster	After Disaster
Has your household received food assistance from the government or some other agency since the disaster?	Yes No Don't know	
Do you normally keep reserves of food at home?	Yes No Don't know	
If yes, how long did/do you expect your food reserves to last	Tick one only < 4 weeks 1-2 months 2-4 months 4-6 months > 6 months	Tick one only < 4 weeks 1-2 months 2-4 months 4-6 months > 6 months
What was the main source of livelihood for this household before the disaster?	Agricultural & forestry Mining & quarrying Manufacturing Electricity, gas, water supply Construction Wholesale & retail trade, repair of motor vehicles and household goods Hotels and restaurants Transport, storage & communication goods Financial intermediation Real estate, renting & business activities Public administration & defence Education Health and social work Remittances from overseas Others, <i>specify</i> :	
What is the impact on your family income as a result of the disaster?	Tick one only Completely lost > 76% lost (most) 51-75% lost (a large proportion) 26-50% lost (some, nearly half) 1-25% lost (a little) None Don't know	
How long does it take to get to the nearest market?	Tick one only < 30 min 31 min-1 hr 1-2 hours > 3 hrs Don't know	Tick one only < 30 min 31 min-1 hr 1-2 hours > 3 hrs Don't know Market not accessible, <i>explain</i>
Does this market sell essential commodities?	Tick one only Yes No Don't know	Tick one only Yes No Don't know Market not accessible
Have prices of essential commodities increased since the emergency?	Tick one only Yes No Don't know	
Do you have enough resources to purchase items?	Tick one only Yes No Don't know NA	
How long do you expect these resources	1-2 weeks	

to last?	2-4 weeks 4-8 weeks 8-12 weeks More than three months Don't know	
Do you have a functioning stove/place to cook?	Tick one only Yes No	Tick one only Yes No
Do you have sufficient cooking utensils to prepare food for the household?	Tick one only Yes No	Tick one only Yes No
What type of fuel do you use most often for cooking?	Electricity LPG Kerosene Coal Wood Straw, shrubs, grass Dung cake No fuel available No cooking facilities Other, specify:	Electricity LPG Kerosene Coal Wood Straw, shrubs, grass Dung cake No fuel available No cooking facilities Other, specify:
Have you had to do any of the following since the disaster?	Rely on less preferred food Borrow food Gifts of food from others (community, family, landlord) Purchase food on debit Reduce portion size Restrict consumption by adults in preference for children Reduce number of meals eaten in a day Skip days without eating Consume seed stocks kept for the next season Decrease expenditures for fertilizer, pesticide fodder animal feed, vet care Sell domestic assets (e.g. radio, furniture, fridge, TV) Sell productive assets (farm implements, sewing machine, motorbike, land, trees) Sell more animals than usual Take children out of school Seek alternative or additional jobs Increase the number of member out-migrating for work and/or food Women eat less food than men Men eat less food than women Some adult family members left in search of employment Some child family members left the village in search of employment No detrimental strategies at this stage Others, describe:	
What type of crops does your household grow?	NA (not crop growing family) Rice Maize Wheat Potato Buck Wheat Apple Grape Others, name:	
If the household mentioned crops above:	Crop	Percentage destroyed/damaged
	Rice	
	Maize	
	Wheat	
	Potato	
	Buck Wheat	
Apple		

	Grape			
	Others, name:			
Are your crops/land insured?	Yes No Don't know			
What proportion of your land has been affected?	All More than half Less than half None Don't know Not applicable			
Do you own livestock?	Yes No			
If yes....	Type of livestock	Before the emergency	Number now	Number injured
How many livestock do/did you own?	Cattle Yak Horse Mule Donkey Poultry Pigs Sheep Goat Buffalo Fish Others, (please specify)			
What are the constraints in raising livestock as a result of the disaster?	No food for livestock No shelter for livestock Grazing land affected Other (<i>specify</i>) No constraints			
Prioritize the following agricultural livelihood needs (since the emergency), rank the top 3:	Storage facilities (for seeds, equipment etc.) Seeds Cash Land compensation Agricultural inputs/equipment Restoration of irrigation facilities Creation of alternate livelihood options Other, explain NA			
EDUCATION				
Question	Pre-emergency situation		Post-emergency situation	
Do/did children from this household attend school?	Not applicable (e.g.No school age children) Yes No		Yes No	
If children did attend school before and are not attending school now, why?	School facilities destroyed School has been closed School facilities are thought not safe (by parents) Route to the school is not safe/not accessible Insecurity (e.g. children are afraid to leave parents or return to school) Parents don't want to send children to school Children are needed to help at home Children are needed to work for income Teaching/learning materials destroyed (at school) School uniform/student's supplies destroyed (at home) Other, explain:			

HEALTH		
Is anyone in your HH injured? Yes No		
Do you have access to medicine or medical services? Yes No		
Do people in your community have access to the following health services? Delivery services Basic Obstetric Care Inpatient Care Outpatient Care Others, specify:		
Question	Pre-emergency situation	Post-emergency situation
How long does it take to get to the nearest health facility?	< 30 min 30 min- 1 hr 1-2 hrs 2-4hrs > 4 hrs Don't know	< 30 min 30 min- 1 hr 1-2 hrs 2-4hrs > 4 hrs Don't know
What are the main concerns related to health for this household?	Please list top three concerns: 1. 2. 3.	
Are there any women breast feeding in this household?	Yes No	
Have there been any changes to feeding of young children since the disaster?	Breast feeding stopped Breast feeding reduced Breast feeding increased Complementary feeding reduced Complementary feeding increased Change of foods No change Other, <i>explain</i> :	
CULTURE & RELIGION		
Does your family usually go to <i>Lhakhangs/Dzongsto</i> offer prayers and blessings?	Yes No Please explain:	
<i>Have Lhakhangs, Chortens, Dzongs</i> and other assets related to cultural heritage that are important to this household been damaged due to the emergency?	Yes No Don't know	
Do you feel that a ritual needs to be performed?	Yes, strongly Yes Maybe No	
Performing rituals after the disaster helps a family recover.	Quickly Slowly Not at all Don't know/no opinion	
PROTECTION		
Question	Pre-disaster situation	Post-emergency situation

Is anyone who usually lives with this household missing since the disaster?	Yes No Don't know If "yes", please record details of missing household members.	
Do adult male members of the household feel safe (where you are living)?	Yes No NA (i.e. no adult men here) If "no", please explain:	Yes No NA (i.e. no adult men here) If "no", please explain:
Do adult female members of the household feel safe (where you are living)?	Yes No NA (i.e. no adult female here) If "no", please explain:	Yes No NA (i.e. no adult female here) If "no", please explain:
Do children who are members of the household feel safe (where you are living)?	Yes No NA (i.e. no children here, no need to ask the following questions) If "No", please explain:	Yes No NA (i.e. no children here) If "No", please explain:
Do children have more problems sleeping now than before the disaster?	Yes No Not sure	
Are children more aggressive or jittery than they were before the disaster?	Yes No Not sure	
Do children in this house hold work?	Yes No	Yes No
If yes, is it	Paid work For in-kind support (e.g. food) To support the family agricultural/livestock/business Other, <i>explain</i> :	Paid work For in-kind support (e.g. food) To support the family agricultural/livestock/business Other, <i>explain</i> :
Approximately how much time do children spend working?	1-7 hrs per week 7-14 hrs per week 14-21 hrs per week > 21 hrs per week	1-7 hrs per week 7-14 hrs per week 14-21 hrs per week > 21 hrs per week
Do you know of any vulnerable children since the emergency (e.g. children with a disability, children who are unaccompanied by their usual care givers)?	Yes No If yes, please comment:	
Have you seen or heard of people being verbally or physically badly treating children since the emergency?	Yes No If yes, please comment:	
Explain any coping strategies that people in this household are using to deal with the trauma of the disaster..	Explain:	
Are you concerned about the security of your possessions?	Yes No If "yes", explain:	

Do you face any problems/conflict/tension?	Yes No Does not want to answer	Yes No Does not want to answer
If yes, please indicate the sources of the tension.	Neighbours Displaced groups come to reside nearby Host community Does not want to answer Other, <i>explain</i> :	Neighbours Displaced groups come to reside nearby Host community Does not want to answer Other, <i>explain</i> :
TRANSPORT and COMMUNICATION		
Question	<i>Pre-emergency situation</i>	<i>Post-emergency situation</i>
Do you have electricity where you are staying?	Yes No	Yes No
What working means of communication do you have access to?	Fixed telephone in own home Mobile Access to neighbour's fixed telephone Access to neighbour's mobile Nothing Don't know Other, <i>explain</i> :	Fixed telephone in own home Mobile Access to neighbour's fixed telephone Access to neighbour's mobile Nothing Don't know Other, <i>explain</i> :
What is the best way for your household to get information since the disaster?	Word of mouth Newspaper Radio SMS/text messaging on mobile Local leaders (e.g. Gup, Gewog staff) Other, <i>explain</i> :	