

COPING WITH CLIMATE SHOCKS IN MONGOLIA: SOU M QUESTIONNAIRE (3rd YEAR)

TO BE FILLED OUT BY SOU M STATISTICIAN.

Identification

1, [REDACTED]

2, AIMAG NAME, CODE

3, [REDACTED]

4, AIMAG CENTER - 2 RURAL - 3

CONTACT INFORMATION OF SOU M STATISTICIAN

5, [REDACTED]

6, [REDACTED]

7, [REDACTED]

8, DATE
YEAR MONTH DAY

PROJECT TEAM

9, SUPERVISOR NAME, CODE

10, ENUMERATOR NAME, CODE

No.	QUESTIONS	CODING CATEGORIES	answer
1	Since when has the Soum Governor been in office?	Year <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
FIRST BAG GOVERNOR			
2		
3		1 2 3	
4		
5		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
6		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
SECOND BAG GOVERNOR			
7		
8		1 2 3	
9		
10		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
11		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
THIRD BAG GOVERNOR			
12		
13		1 2 3	
14		
15		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
16		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
FOURTH BAG GOVERNOR			
17		
18		1 2 3	
19		
20		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
21		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
FIFTH BAG GOVERNOR			
22		
23		1 2 3	

24	[REDACTED]	[REDACTED]	
25	[REDACTED]	[REDACTED] [] [] [] [] [] [] [] []	
26	[REDACTED]	[REDACTED] [] [] [] [] []	

SIXTH BAG GOVERNOR

27	[REDACTED]	[REDACTED]	
28	[REDACTED]	[REDACTED] 1 [REDACTED] 2 [REDACTED] 3	
29	[REDACTED]	[REDACTED]	
30	[REDACTED]	[REDACTED] [] [] [] [] [] [] [] []	
31	[REDACTED]	[REDACTED] [] [] [] [] []	

PERSONS IN THIS SOUM

32	1	[REDACTED]	[] [] [] [] []	
	2	[REDACTED]	[] [] [] [] []	
	3	[REDACTED]	[] [] [] [] []	
	4	[REDACTED]	[] [] [] [] []	
	5	[REDACTED]	[] [] [] [] []	
	6	[REDACTED]	[] [] [] [] []	

HOUSEHOLDS IN THIS SOUM

33	1	[REDACTED]	[] [] [] [] []	
	2	[REDACTED]	[] [] [] [] []	
	3	[REDACTED]	[] [] [] [] []	
	4	[REDACTED]	[] [] [] [] []	
	5	[REDACTED]	[] [] [] [] []	
	6	[REDACTED]	[] [] [] [] []	

INFRASTRUCTURE

34	[REDACTED] <i>IF AIMAG CENTER, WRITE 99</i>	[REDACTED] 1 [REDACTED] 2 [REDACTED] 3 [REDACTED] 99	→ 38
35	Was the road to the aimag center passable every day even in winter conditions (snow, ice) in the winter 2013/2014?	yes, passable every day 1 no, some time not passable 2	→ 37
36	For how many days was the road not passable because of winter conditions during the last winter?	days [] []	
37	Is there regular public transport between [...] the soum center and the aimag center by [...]?	Yes - 1 No - 2 1 Bus [] 2 Minibus [] 3 Private cars []	
38	Is there cellphone coverage in all areas of this soum?	all areas of soum 1 most areas of soum 2 some areas of soum 3 few areas of soum 4 no cellphone coverage at all 5	

39 Are the following cellphone operators available in this soum?

Yes - 1 No - 2

1 Mobicom	
2 Unitel	
3 Skytel	
4 G-Mobile	
5 Telecom Mongolia	

40 Are the following facilities available in the soum center?

Yes - 1 No - 2

1 permanent market	
2 weekly market	
3 meat market	
4 slaughterhouse	
5 grocery store	
6 hotel	
7 restaurant	
8 sports club	
9 cultural center	
10 kindergarten	
11 primary school	
12 secondary school	
13 student dormitory	
14 pharmacy/shop selling drugs and medicine	
15 health center	
16 hospital, clinic, medical center	
17 doctor	
18 nurse	
19 maternity house	
20 cooperatives engaged in herding	
21 cooperatives engaged in farming	
22 veterinarian	
23 bank	
24 insurance company	
25 meat-processing company	
26 cashmere-processing company	
27 airport	
28 mining company	
29 weather station	

NEW FACILITIES

41 What facilities were constructed or improved in this soum since 2009 (for example, new health facilities; new education facilities; upgrade of market facilities; ...)?

a. Facility name	b. Facility code	c. YEAR of introduction
1 _____	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
2 _____	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
3 _____	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
4 _____	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
5 _____	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
6 _____	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
7 _____	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
8 _____	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

42 How many hours does the soum have electricity on an average day?

Hours per day

43 Are there currently any Non-Governmental

	Organizations (NGOs) active in this soum?	Yes 1 No 2 →	45
44	Please indicate the names of these NGOs 1. Name: 2. Name: 3. Name: 4. Name: 5. Name: 6. Name: 7. Name: 8. Name: 9. Name: 10. Name:		
45	Are there currently any International Organizations (IOs) active in this soum?	Yes 1 No 2 →	47
46	Please indicate the names of these IOs 1. Name: 2. Name: 3. Name: 4. Name: 5. Name: 6. Name: 7. Name: 8. Name: 9. Name: 10. Name:		
47	What is the principal source of water for herders in this soum?	wells 1 springs/ivers 2 lakes 3	
48	How often do conflicts over water occur in this soum?	very often 1 often 2 sometimes 3 seldom 4 never 5	
49	How often do conflicts over pastures occur in this soum?	very often 1 often 2 sometimes 3 seldom 4 never 5	
ECONOMIC ACTIVITIES			
50	What is the <u>most</u> important business sector in this soum?	Name Business Code <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
51	What is the <u>second</u> most important business sector in this soum?	Name Business Code <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
52	What is the <u>third</u> most important business sector in this soum?	Name Business Code <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
EMPLOYMENT SECTORS			
53	How many people in this soum are employed in [...] sector?	Number 1 Government/public administration <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 2 Agriculture/farming <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	

3 Services			
4 Processing plant			
5 Mining			
6 Water and electricity supply			
7 Construction			
8 Trade			
9 Hotel/restaurant			
10 Transportation			
11 Education			
12 Health			
13 Meat processing			
14 Cashmere processing			
15 Tourism			
16 other (specify)			

HERDING

54	Is there an agricultural stock exchange in this soum?	Yes	1	→	57
		No	2		

55	What is the percentage of herders in this soum who sell their livestock/livestock products in the agricultural stock exchange?	percent	<input type="text"/>	<input type="text"/>
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56	What are the prices for the following items in the agricultural stock exchange?	
	Livestock	
		Tugruk
	1. Horse	<input type="text"/>
	2. Cattle	<input type="text"/>
	3. Camel	<input type="text"/>
	4. Sheep	<input type="text"/>
	5. Goat	<input type="text"/>
	Processed meat	
	6. Mutton, with bone, kg	<input type="text"/>
	7. Beef, without bone, kg	<input type="text"/>
	8. Goat meet, with bone, kg	<input type="text"/>
	9. Horse meet, without bone, kg	<input type="text"/>
	10. Camel meet, without bone, kg	<input type="text"/>
	11. Sheep intestines, without blood, kg	<input type="text"/>
	Livestock products	
12. Cashmere wool	<input type="text"/>	
13. Sheep wool	<input type="text"/>	
14. Camel hair	<input type="text"/>	
15. Cattle's hair	<input type="text"/>	
16. Horse's hair	<input type="text"/>	

57	How would you judge the quality of the following issues in your soum?	
	1=very good 2=good 3=fair 4=poor 5=very poor	
	1. Herders' access to markets to sell their products	<input type="text"/>
	2. Availability of water	<input type="text"/>
	3. Quality of pastures	<input type="text"/>
4. Composition of livestock	<input type="text"/>	

58	How pressing are the following problems in your soum?	
	1=very pressing 2=pressing 3=moderately pressing 4=not very pressing 5=not pressing at all	
	1. Herders having too smal herds	<input type="text"/>
	2. Overgrazing / too many herders	<input type="text"/>
	3. Land degradation	<input type="text"/>
	4. Pastures are of bad quality	<input type="text"/>
	5. Too few water sources	<input type="text"/>
	6. Access to markets is not good for herders	<input type="text"/>
7. Dzud	<input type="text"/>	
8. Environmental pollution because of mining companies	<input type="text"/>	

9. Conflicts between herders and mining companies		
59	How well prepared are herders in this soum for the next winter?	Very well prepared 1 Well prepared 2 Moderately prepared 3 Not well prepared 4 No preparations at all 5
60	Do herders in this soum have the following livestock types?	Yes - 1 No - 2 1 Horse <input type="checkbox"/> 2 Cattle <input type="checkbox"/> 3 Camel <input type="checkbox"/> 4 Sheep <input type="checkbox"/> 5 Goat <input type="checkbox"/>
61	What livestock type is the most, second most, third most, ... common in this soum?	Horse- 1 Cattle - 2 Camel - 3 Sheep - 4 Goat - 5 1 Most common <input type="checkbox"/> 2 Second most common <input type="checkbox"/> 3 Third most common <input type="checkbox"/> 4 Fourth most common <input type="checkbox"/> 5 Fifth most common <input type="checkbox"/>
62	Have official/formal herder groups or cooperatives engaged in herding (horshoo) ever been active in this soum?	Yes, they are active today 1 Yes, active in the past, but not today 2 No, never been active 3
63	Since when are herders groups/cooperatives active in this soum?	Year <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
64	What percentage of herders are members of herder groups/cooperatives today?	percent <input type="text"/> <input type="text"/>
65	What percentage of herders was involved in winter preparation activities organized by the <u>Government</u> in the past winters? <i>IF NO WINTER PREPARATION ACTIVITY BY GOVERNMENT IN A CERTAIN WINTER, WRITE 0</i>	Percentage 1 Winter 2009/2010 <input type="checkbox"/> <input type="checkbox"/> 2 Winter 2010/2011 <input type="checkbox"/> <input type="checkbox"/> 3 Winter 2011/2012 <input type="checkbox"/> <input type="checkbox"/> 4 Winter 2013/2014 <input type="checkbox"/> <input type="checkbox"/> 5 Winter 2014/2015 <input type="checkbox"/> <input type="checkbox"/>
66	What percentage of herders was involved in winter preparation activities organized by <u>International Organizations/NGOs</u> in the past winters? <i>IF NO WINTER PREPARATION ACTIVITY BY INTERNATIONAL ORGANIZATIONS/NGOs IN A CERTAIN WINTER, WRITE 0</i>	Percentage 1 Winter 2009/2010 <input type="checkbox"/> <input type="checkbox"/> 2 Winter 2010/2011 <input type="checkbox"/> <input type="checkbox"/> 3 Winter 2011/2012 <input type="checkbox"/> <input type="checkbox"/> 4 Winter 2013/2014 <input type="checkbox"/> <input type="checkbox"/> 5 Winter 2014/2015 <input type="checkbox"/> <input type="checkbox"/>

INDEX-BASED LIVESTOCK INSURANCE

PLEASE TALK TO A REPRESENTATIVE OF THE INDEX-BASED LIVESTOCK INSURANCE PROJECT TO FILL OUT THE FOLLOWING QUESTIONS.

67	Is index-based livestock insurance available to herders in this soum?	Yes 1 No 2
68	List the names of agencies selling index-based livestock insurance in this soum	1 First insurance company 2 Second insurance company 3 Third insurance company
69	How many insurance companies sell index-based livestock insurance in this soum?	Number <input type="text"/>
70	Did insurance agents visit herders in their campsite as part of a marketing campaign for index-based livestock insurance in earlier 2014?	Yes 1

	index-based livestock insurance in spring 2014?	No	2																														
71	How much does it cost to insure one animal in 2014 in this soum? <div style="text-align: center;">Tugruk</div> <table border="1" style="display: inline-table; vertical-align: top;"> <tr><td>1. Horse</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2. Cattle</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3. Camel</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4. Sheep</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5. Goat</td><td></td><td></td><td></td><td></td><td></td></tr> </table>	1. Horse						2. Cattle						3. Camel						4. Sheep						5. Goat							
1. Horse																																	
2. Cattle																																	
3. Camel																																	
4. Sheep																																	
5. Goat																																	
72	How many households bought index-based livestock insurance in 2014 in this soum?	Number	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>																														
73	Did households in this soum receive payouts in the following years? <div style="text-align: center;">yes - 1 no - 2 no insurance at that time - 3</div> <table border="1" style="display: inline-table; vertical-align: top;"> <tr><td>1. 2013</td><td></td></tr> <tr><td>2. 2012</td><td></td></tr> <tr><td>3. 2011</td><td></td></tr> <tr><td>4. 2010</td><td></td></tr> <tr><td>5. 2009</td><td></td></tr> </table>	1. 2013		2. 2012		3. 2011		4. 2010		5. 2009																							
1. 2013																																	
2. 2012																																	
3. 2011																																	
4. 2010																																	
5. 2009																																	

DZUD			
74	Is there an early warning system in place in this soum to warn herders of a dzud?	Yes 1 No 2	78
75	How are herders informed about a dzud warning? <i>LIST MOST IMPORTANT MEANS</i>	TV 1 radio 2 by bag governor personally 3 telephone/SMS 4 other (specify) 5	
76	Was there any dzud warning in the winter 2013/2014 in this soum?	Yes 1 No 2 no warning system in place 3	
77	<i>IF INTERVIEW TAKES PLACE IN 2015</i> Was there any dzud warning in the winter 2014/2015 in this soum?	Yes 1 No 2 no warning system in place 3	
78	What were the 3 most severe dzuds that this soum ever experienced? 1. Year of most severe dzud <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 2. Year of second most severe dzud <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 3. Year of third most severe dzud <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		

OTOR CONTRACTS			
79	In 2013/2014, did the soum governor sign otor contracts with one or several neighboring soums so that herders of this soum were able to move to another soum(s) during the winter 2013/2014?	yes, with one soum 1 yes, with several soums 2 No 3	
80	In 2013/2014, did the soum governor sign otor contracts with one or several neighboring soums so that herders of others soums were able to move into this soum during the winter 2013/2014?	yes, with one soum 1 yes, with several soums 2 No 3	
81	In 2014/2015, did the soum governor sign otor contracts with one or several neighboring soums so that herders of this soum were able to move to another soum(s) during the winter 2014/2015?	yes, with one soum 1 yes, with several soums 2 will be done later this year 3	

	another soum(s) during the winter 2014/2015?	No 4	
82	In 2014/2015, did the soum governor sign otor contracts with one or several neighboring soums so that herders of other soums were able to move into this soum during the winter 2014/2015?	yes, with one soum 1 yes, with several soums 2 will be done later this year 3 No 4	
83	In the past 12 months, did the soum administration set aside reserve pasture (Nuutsiin belcher) for herders of this soum?	Yes 1 No 2	
84	Did the soum administration set aside reserve pasture (Nuutsiin belcher) for herders of this soum at any time in the past?	Yes 1 No 2	

FARMING

85	Are the following crops grown in this soum?	Yes - 1	No - 2
	1 wheat		<input type="checkbox"/>
	2 grain		<input type="checkbox"/>
	3 oats		<input type="checkbox"/>
	4 potatoes		<input type="checkbox"/>
	5 carrots		<input type="checkbox"/>
	6 turnip		<input type="checkbox"/>
	7 cabbage		<input type="checkbox"/>
	8 onion		<input type="checkbox"/>
	9 garlic		<input type="checkbox"/>
	10 cucumber		<input type="checkbox"/>
	11 tomatoes		<input type="checkbox"/>
	12 watermelon		<input type="checkbox"/>
	13 melon		<input type="checkbox"/>
	14 sea-buckthorn		<input type="checkbox"/>
	15 blackberry		<input type="checkbox"/>
	16 hay		<input type="checkbox"/>
	17 animal fodder		<input type="checkbox"/>

86	What crop is the most, second most, and third most commonly grown in this soum?	
	wheat 1	a Most common <input type="checkbox"/>
	grain 2	b Second most common <input type="checkbox"/>
	oats 3	c Third most common <input type="checkbox"/>
	potatoes 4	
	carrots 5	
	turnip 6	
	cabbage 7	
	onion 8	
	garlic 9	
	cucumber 10	
	tomatoes 11	
	watermelon 12	
	melon 13	
	sea-buckthorn 14	
	blackberry 15	
	hay 16	
	animal fodder 17	

NEGATIVE EVENTS

87 What negative events occurred in this soum since 2011?

In case no household was affected by the shock, write 0 in column "Percentage of household affected", and pass to the following line

	(1.) 2011			(2.) 2012			(3.) 2013			(4.) 2014		
	a. Percentage of households affected	b. MONTH started	c. MONTH ended	d. Percentag e of household s affected	e. MONTH started	f. MONTH ended	g. Percentage of households affected	h. MONTH started	i. MONTH ended	j. Percentage of households affected	k. MONTH started	l. MONTH ended
1. Drought or water shortage	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2. Flood	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3. Land erosion	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4. Pests/diseases to livestock	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5. Pests/diseases to crops	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
6. Theft of livestock	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
7. Theft of goods	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
8. Livestock prices dropped	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9. Cashmere prices dropped	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
10. Food prices increased	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
11. Fuel prices increased	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12. Households failed to sell livestock	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
13. Households failed to sell cashmere	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
14. Collapse of business	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15. Other (specify)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

End of Questionnaire. Thank you very much for participating in this survey! Your responses will help us conducting research on the impact of dzud on households. We very much hope that our research contributes to the well-being of households in this area in the long term. All personal information given will be kept confidential. Best wishes to you and your family.