

## COPING WITH CLIMATE SHOCKS IN MONGOLIA: SOU M QUESTIONNAIRE

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

Information on Bag Governors

No.	QUESTIONS	CODING CATEGORIES	answer
<b>FIRST BAG GOVERNOR</b>			
1	[REDACTED]	..... .....	
2	[REDACTED]	[REDACTED] ..... 1 ..... 2 ..... 3	
3	[REDACTED]	[REDACTED] ..... .....	
4	[REDACTED]	[REDACTED] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	
<b>SECOND BAG GOVERNOR</b>			
5	[REDACTED]	..... .....	
6	[REDACTED]	[REDACTED] ..... 1 ..... 2 ..... 3	
7	[REDACTED]	[REDACTED] ..... .....	
8	[REDACTED]	[REDACTED] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	
<b>THIRD BAG GOVERNOR</b>			
9	[REDACTED]	..... .....	
10	[REDACTED]	[REDACTED] ..... 1 ..... 2 ..... 3	
11	[REDACTED]	[REDACTED] ..... .....	
12	[REDACTED]	[REDACTED] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	
<b>FOURTH BAG GOVERNOR</b>			
13	[REDACTED]	..... .....	
14	[REDACTED]	[REDACTED] ..... 1 ..... 2 ..... 3	
15	[REDACTED]	[REDACTED] ..... .....	
16	[REDACTED]	[REDACTED] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	
<b>FIFTH BAG GOVERNOR</b>			
17	[REDACTED]	..... .....	
18	[REDACTED]	[REDACTED] ..... 1 ..... 2 ..... 3	

19			
20			
<b>SIXTH BAG GOVERNOR</b>			
21			
22			1 2 3
23			
24			
<b>PERSONS IN THIS SOUM</b>			
25	1		
	2		
	3		
	4		
	5		
	6		
<b>HOUSEHOLDS IN THIS SOUM</b>			
26	1		
	2		
	3		
	4		
<b>Infrastructure</b>			
27			1 2 3 99 → 29
28	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		
29	Are cellphone networks available 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 networks available at all	5

<b>30</b>	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 cooperative engaged in farming				
	21 cooperative engaged in herding				
	22 veterinarian				
	23 bank				
	24 insurance company				
	25 meat-processing company				
	26 cashmere-processing company				
	27 airport				
	28 mining company				
	29 weather station				
<b>31</b>	How many hours does the soum have electricity on an average day?	Hours per day	<input type="text"/>	<input type="text"/>	
<b>32</b>	Are there currently any Non-Governmental Organizations (NGOs) active in this soum?	Yes	1	No	2 → <b>34</b>
<b>33</b>	How many NGOs are currently active in this soum?	Number	<input type="text"/>	<input type="text"/>	
<b>34</b>	Are there currently any International Organizations (IOs) active in this soum?	Yes	1	No	2 → <b>36</b>
<b>35</b>	How many IOs are currently active in this soum?	Number	<input type="text"/>	<input type="text"/>	
<b>36</b>	What is the principal source of water for herders in this soum?	Wells	1	springs/rivers	2
		lakes	3		
<b>37</b>	Is there a shortage of water for herders in this soum?	Yes	1	No	2

38	How often do conflicts over water occur in this soum?	very often ..... 1 often ..... 2 sometimes ..... 3 seldom ..... 4 never ..... 5
39	Is there a shortage of pasture for herders in this soum?	Yes ..... 1 No ..... 2
40	How often do conflicts over pastures occur in this soum?	very often ..... 1 often ..... 2 sometimes ..... 3 seldom ..... 4 never ..... 5
41	Which is the most prevalent ecological zone of this soum?	mountain steppe ..... 1 forest steppe ..... 2 grass steppe ..... 3 desert steppe ..... 4 desert ..... 5

**Economic Activities**

42	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"/>
43	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"/>
44	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**

45		Number
	1 Government/public administration	<input type="text"/>
	2 Agriculture/farming	<input type="text"/>
	3 Services	<input type="text"/>
	4 Processing plant	<input type="text"/>
	5 Mining	<input type="text"/>
	6 Water and electricity supply	<input type="text"/>
	7 Construction	<input type="text"/>
	8 Trade	<input type="text"/>
	9 Hotel/restaurant	<input type="text"/>
	10 Transportation	<input type="text"/>
	11 Education	<input type="text"/>
	12 Health	<input type="text"/>
	13 Meat processing	<input type="text"/>
	14 Cashmere processing	<input type="text"/>
	15 Tourism	<input type="text"/>
	16 other (specify)	<input type="text"/>

**Herding and Dzud**

46	Is index-based livestock insurance available to herders in this soum?	Yes	1	No	2	→	48		
47	List the names of agencies selling index-based livestock insurance in this soum	1 First agency ..... 2 Second agency ..... 3 Third agency .....							
48	Do people 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"/>					
49	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"/>		
50	Do the following problems exist for herders in this soum?	Yes - 1	No - 2	<i>IF NO HERDER PROBLEMS EXIST → Q52</i>				1 Too many herders/overgrazing ..... <input type="checkbox"/> 2 Pastures are not good ..... <input type="checkbox"/> 3 Too few water sources ..... <input type="checkbox"/> 4 Access to markets is not good ..... <input type="checkbox"/> 5 Herders have too little livestock ..... <input type="checkbox"/> 6 Dzud ..... <input type="checkbox"/> 7 Conflicts with mining companies ..... <input type="checkbox"/>	
51	In your opinion, what are the three largest problems of herders in this soum today?	1 too many herders/overgrazing ..... Most important problem <input type="checkbox"/> 2 pastures are not good ..... Second most important problem <input type="checkbox"/> 3 too few water sources ..... 4 access to markets is not good ..... Third most important problem <input type="checkbox"/> 5 herders have too little livestock ..... 6 dzud ..... 7 conflicts with mining companies .....							
<b>DZUD WARNINGS</b>									
52	Is there an early warning system in place in this soum to warn herders of a dzud?	Yes	1	No	2	→	58		

53	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	
54	Was there any dzud warning in 2009 in this soum?	Yes ..... 1 No ..... 2 no warning system in place ..... 3	
55	Was there any dzud warning in 2010 in this soum?	Yes ..... 1 No ..... 2 no warning system in place ..... 3	
56	Was there any dzud warning in 2011 in this soum?	Yes ..... 1 No ..... 2 no warning system in place ..... 3	
57	<i>IF INTERVIEW TAKES PLACE IN 2013</i> Was there any dzud warning in 2013 in this soum?	Yes ..... 1 No ..... 2 no warning system in place ..... 3	
<b>OTOR CONTRACTS</b>			
58	In 2011/2012, 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 2011/2012?	yes, with one soum ..... 1 yes, with several soums ..... 2 No ..... 3	
59	In 2011/2012, 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 2011/2012?	yes, with one soum ..... 1 yes, with several soums ..... 2 No ..... 3	
60	In 2012/2013, 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 2012/2013?	yes, with one soum ..... 1 yes, with several soums ..... 2 will be done later this year ..... 3 No ..... 4	
61	In 2012/2013, 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 2012/2013?	yes, with one soum ..... 1 yes, with several soums ..... 2 will be done later this year ..... 3 No ..... 4	
<b>2009/2010 DZUD</b>			
62	What is the number of households who lost livestock in this soum in 2009/2010?	Number ..... <input type="text"/> <input type="text"/> <input type="text"/>	
63	How many households lost all animals due to the 2009/2010 dzud?	Number ..... <input type="text"/> <input type="text"/> <input type="text"/>	
64	Did the households affected by the 2009/2010 dzud in this soum receive the following assistance from the government or other organizations?	Yes - 1      No - 2	
	1 veterinary service	<input type="checkbox"/>	<input type="checkbox"/>
	2 livestock fodder	<input type="checkbox"/>	<input type="checkbox"/>
	3 food aid	<input type="checkbox"/>	<input type="checkbox"/>
	4 livestock restocking programs	<input type="checkbox"/>	<input type="checkbox"/>
	5 other assistance (specify)	<input type="checkbox"/>	<input type="checkbox"/>

65	Did herders of this soum move temporarily for otor to another soum(s) during the 2009/2010 dzud?	Yes ..... 1 No ..... 2
66	Did herders from other soums move temporarily for otor into this soum during the 2009/2010 dzud?	Yes ..... 1 No ..... 2

**Farming**

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