



## Household questionnaire survey - ORKNEY

### Survey Information

Activity/Task		Date	Person(s) Responsible	Remarks
Interview				
Checking Questionnaire				
Coding Questionnaire				
Data Entry				
Checking and Approving Data Entry				

Does the respondent/household agree to be part of the follow-up survey / games?	[   ] YES
[Note: Ask this AT THE END OF THE SURVEY and record the response here.]	[   ] NO

A. Identification: Explain that this is for us to conduct spatial analyses, for example examining how distance from goose roosting sites affects them and their farming - or for us to contact them again for feed-back, follow-up surveys or experimental games if they agree to. Note that 2. and 3. can be filled prior to the survey.

1	Name & Code	(name)	(HHID)
2	Parish & code	(name)	(TID)
3	Township name & code	(name)	(CID)
4	Postcode		
5	Game ID		

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**B. Information about the Respondent(s) - whoever is available to answer the survey on behalf of the whole household**

	[(Non-)response codes: -98=respondent DOES NOT KNOW; -99=respondent DOES NOT WANT TO ANSWER; -100=interviewer DID NOT ASK (specify why)]	
1	What is your year of birth? (e.g. 1956)	_____ year
2	What is your gender? (1=Female, 2=Male)	(code)
3	How many years of formal education do you have?	_____ years
4	Which of the following describe you best? (1=Owner, 2=Tenant farmer, 3=Crofter, 4=Other (specify))	(code)
5	How long have you been farming (in this area)?	_____ years
6	Household income: What is the primary source of income of your household?	(code)
	1=Farming activities, 2=Conservation or management agreements (e.g. goose payments, sale of goose meat), 3=Letting of holiday accommodation, 4=Off-farm employment	
	If source of income includes subsidy, specify the type	
	If source of income includes tourism, what is the percentage of bird-watching / wildlife tourists	
	If source of income includes tourism, what is the total number of your clients for the past 12 months?	
7	Household income: What is the secondary source of income of your household?	(code)
	1=Farming activities, 2=Conservation or management agreements (e.g. goose payments, sale of goose meat), 3=Letting of holiday accommodation, 4=Off-farm employment	
	If source of income includes subsidy, specify the type	
	If source of income includes tourism, what is the percentage of bird-watching / wildlife tourists	
	If source of income includes tourism, what is the total number of your clients for the past 12 months?	
8	Household income: What is the third source of income of your household?	(code)
	1=Farming activities, 2=Conservation or management agreements (e.g. goose payments, sale of goose meat), 3=Letting of holiday accommodation, 4=Off-farm employment	
	If source of income includes subsidy, specify the type	
	If source of income includes tourism, what is the percentage of bird-watching / wildlife tourists	
	If source of income includes tourism, what is the total number of your clients for the past 12 months?	(percent)

C. Farming practices (Note: sum of land uses should equal 'Total size of farm')		
1	What's the total size of your farm?	_____ acres
2	Area of improved grassland (i.e. grassland reseeded in the last 7 years)	_____ acres
3	Area used for rotational arable cropping	_____ acres
4	Area permanent pasture (pasture 8 years or older)	_____ acres
5	Other (please specify type and size)	_____ acres
6	Could you please give us an average estimate (in percent) of the amount of crop damage by wild geese on your farm for the past 12 months?	(code)
7	For the past 12 months, has any of your land entered into a goose management scheme or goose management pilot?	(code)
8	For the past 12 months, have you undertaken any non-lethal scaring techniques on any of your lands to prevent crop damage?	(code)
9	What type of non-lethal scaring techniques did you use?	
10	How intensive / frequent were your scaring efforts? (1=Very intensive, 2=Somewhat intensive, 3=Limited)	(code)
11	For the past 5 years, have you applied for shooting licenses to reduce crop damage by wild geese? (1=Yes, 0=No)	
12	How many geese were shot in total on your land for the past 12 months? (average estimate)	
13	What was your household's primary motivation for shooting? 1= To control numbers, 2=To provide income, 3=Both	(code)
14	Have you ever done any shooting yourself? (1=Yes, 0=No)	(code)

**D. Livestock**

1	How many beef cattle do you currently stock?	_____
2	How many sheep do you currently stock?	_____
3	Other livestock ( <i>specify type &amp; quantity</i> )	_____

**E. Norms, perceptions, beliefs: We will make some statements, please tell us on a scale of 1 to 4 to what degree you agree with each statement. (1= Not at all, 2=Little, 3= Somewhat, 4= Very much)**

1	Wild geese harm my well-being	_____
2	Wild geese are beneficial to my well-being	_____
3	Wild goose conservation is important for my future descendants.	_____
4	Farmers have the responsibilities to support wild goose conservation	_____
5	Farmers have the responsibilities to protect crops and grasslands against wild geese.	_____
6	Farmers with neighbouring lands need to coordinate scaring techniques to minimize damages by wild geese.	_____
7	Farmers with neighbouring lands need to coordinate the provision of feeding zones to minimize damages by wild geese.	_____
8	The risk of being fined would prevent me from being involved in shooting wild geese illegally.	_____
9	The risk of social disapproval would prevent me from being involved in shooting wild geese illegally.	_____
10	Wild geese negatively impact local biodiversity (e.g. corncrakes)	_____

**F. Trust Index 1: Level of confidence in different institutions: How much trust do you have in the following organisation to make balanced decisions about land and wildlife management? (1=Not at all, 2=Little, 3=Somewhat, 4= Very much)**

1	Scottish National Heritage (SNH)	_____
2	Scottish Government, Rural Payments & Inspections Directorate (SGRPID)	_____
3	Royal Society for the Protection of Birds (RSPB)	_____
4	National Farmer Union (NFU)	_____

**G. Trust index 2: Trust in other community members**

1	Would you say that most of the time, people in your community are mostly trying to help each other? (1=Not at all, 2=Little, 3=Somewhat, 4= Very much)	_____
2	Generally speaking, would you say that most people in your community are honest and can be trusted? (1=Not at all, 2=Little, 3=Somewhat, 4= Very much)	_____
3	Do you think that most people would try to take advantage of you if they got a chance? (1=Not at all, 2=Little, 3=Somewhat, 4= Very much)	_____

**H. Attitudes towards management options:** In your opinion, to what extent do the options listed below answer questions a, b and c with regard to mitigating the conflict between wild geese and farming? (1=Not at all, 2=to a certain extent, 3= Definitely Yes)

		a. "...is acceptable."	b. "...is effective."	c. "...is sustainable."
1	Non-Lethal Scaring techniques	_____	_____	_____
2	Shooting	_____	_____	_____
3	Sale of goose meat	_____	_____	_____
4	Alternative goose feeding areas	_____	_____	_____
5	Subsidy / Compensations	_____	_____	_____
6	Wildlife tourism	_____	_____	_____
7	Sport shooting	_____	_____	_____

#### I. Fairness index

1	Would you say that the current goose management scheme / pilot fairly balance agricultural and conservation interests? (1=Not at all, 2=Little, 3=Somewhat, 4= Very much)	_____
2	Do you feel able to influence decision-making related to goose management and farming? (1=Not at all, 2=Little, 3=Somewhat, 4= Very much)	_____
3	Would you say that the allocation of finances for the management of geese in Scotland is fairly distributed? (1=Not at all, 2=Little, 3=Somewhat, 4= Very much)	_____
4	Do you feel that the current goose management scheme respects your local cultures and traditions with regard to goose management? (1=Not at all, 2=Little, 3=Somewhat, 4= Very much)	_____

#### J. Familiarity

	Can you rate your familiarity with other participants? (from 1 to 4, 1= very limited familiarity, participant hardly meets up with the person, 2=limited familiarity, rarely meets up with the person, 3=Good familiarity, meets up with the person quite often, and 4= Very good familiarity, meets up frequently with the person)			
1	Participant 1 - HHID	_____	Familiarity	_____
2	Participant 2 - HHID	_____	Familiarity	_____
3	Participant 3 - HHID	_____	Familiarity	_____

#### K. About the games

1	What was your main goal in the games?	(code)
	1= To win (victory), 2= To do what would be best for the group, 3= To do what I do in real life, 4= To have fun, 5= Autres (specifier)	
2	Did your choices in the games depend on what others did? (1=Not at all, 2=Little, 3=Somewhat, 4= Very much)	(code)
3	Did you consider the effect of your choices on other participants? (1=Not at all, 2=Little, 3=Somewhat, 4= Very much)	(code)
4	Did you consider the effect of your choices on the next generation? (1=Not at all, 2=Little, 3=Somewhat, 4= Very much)	(code)
5	Knowing how the game was played, with the benefit of hindsight, do wish you had made different decisions? (1=Not at all, 2=Little, 3=Somewhat, 4= Very much)	(code)

Notes