

Habits Survey Chapelcross



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About the Survey:

- The University of Stirling are undertaking a Habits Survey in the area around Chapelcross nuclear licensed site on behalf of the SEPA. This is to check that SEPA's environmental radioactivity monitoring programmes are optimised for collection of environmental samples at the right locations and frequency to assess the impacts of authorised radioactive waste discharges from the site.
- Habits surveys are a study of food consumption and occupancy levels and the results of the survey are made publicly available.
- The aims of this survey are to understand:
 - What types of locally produced food you eat, and where you source it from.
 - Where you spend time, and what activities you undertake.
- We have sent out 2 000 postal survey's within 20 km of the Chapelcross site to help us to understand people's interactions with the local environment. This helps us plan our Phase 1 fieldwork campaign e.g. ensuring we include popular areas we may have missed. There is an opportunity to follow-up with postal survey individuals if they wish to be contacted.

2022 Habits Survey Approach:

- Review Survey Area
- Conduct a postal survey
- Conduct a Face to Face survey across survey area (Phase 1)
- Conduct a follow up Survey with 9 individuals (Phase 2)
- Collate and analyse data
- Report Findings

Are there any questions about the survey?



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2022 Chapelcross Habits Survey Area:



The Chapelcross Postal and Face-to-Face Survey Area of the inner Solway Firth, from Glencaple in the Nith Estuary (west) to Gretna (east).

Habit Survey Methodology - Face to Face Field Surveys:

- **Timescale:** 19th – 26th June 2022 (Phase 1 - outwith school holidays)
8th – 14th August 2022 (Phase 1 - within school holidays)
October 2022 (Phase 2 – follow-up surveys – select sample)
- **Sample:** X number of individuals from the postal survey and X number of individuals from the face-to-face surveys
- **Sampling strategy:** Groups and individuals likely to have the highest levels of exposure – as identified from the review. For external exposure, those likely to be exposed (through time) to external sources of radiation (e.g. wildfowlers, bait diggers, fishermen, anglers, boat maintenance, dog walkers) will be surveyed.
- **Recruitment:** Field workers will use three main methods to recruit individuals into the study
 - I. pre-arranged - through conversations and communications with local groups (from the review stage – Focus Groups)
 - II. snowballing – identifying groups or individuals ‘at risk’ through discussions with conversations and communications with local groups and key informants
 - III. ad-hoc – approaching people or groups who are undertaking activities

Face to Face Survey Questions:

Survey questions:

Focus in the following areas, (a similar structure with the postal surveys):

- Routes and modes of transport past the site;
- Recreational (i.e., the types, location and timing and duration of leisure activities);
- What clothing do they wear for the different activities (e.g. fishermen – gloves);
- Types of food consumed and where they are sourced (local shop, home grown);
- If wild food (e.g. brambles, berries, mushrooms, rabbits, fish, venison, poultry, game);
- Do they grow their own food and if so, whether in a greenhouse, allotment or garden;
- Description of land use, soil type. How the food is harvested and prepared;
- Typical food preparation habits and consumption rates for all family;
- Whether they make produce and whether any produce (including game) is passed on; and,
- Whether individuals aware of any other unusual or unreported habits?

Discussion:

1. Links with community groups, organisations and societies?
2. Are there any other bodies/links that would be useful to talk to?
3. Any other points to note?

You can contact us via e-mail: erl@stir.ac.uk

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THANK YOU