Landscape Scenario Modelling Project Assistants (Scotland)

Future Leaders Programme 2024

Application form: https://forms.office.com/e/yM0QxF1s9Z

Application deadline: 11:59pm GMT on Monday 11 March 2024

Please note there are TWO roles available for this position.

Positions with: Centre for Landscape Regeneration, University of Cambridge

Manager: Dr Catherine Waite, Department of Zoology

Location: Cairngorms, Scotland*

*Please note that all project assistants on the Future Leaders Programme must be in person in Cambridge for the week commencing 15 July and the week commencing 2 September.

Programme dates: 15 July to 13 September 2024

Project Overview

This project is based within a team of colleagues from the University of Cambridge and the RSPB, working closely with the Cairngorms Connect partnership in Scotland.

Within the CLR, one of the goals is to shed light on some potential futures for the Scottish Cairngorms and learn how this would impact the landscape. How can we make the landscape work for nature, people and the economy? How can we balance the many needs of a region?

One way to do this is to use land-use scenario modelling to explore the relationship between food production, economic activity, carbon emissions, water resources, and nature and biodiversity. Scenario modelling is often a top-down approach that would focus on how national policies could be implemented. However, we are exploring the bottom-up approach and what the outcomes could be of scenarios designed by people within the landscape.

In order to achieve this, we need to:

- collect data on food production, economics, recreational values, and greenhouse gas emissions with landowners across the region;

The FLP project assistants will be a vital part of this team collecting and analysing data from landowners across the Scottish Cairngorms.

We strongly encourage and welcome applications from those who are reflected in widening participation criteria below, as part of our commitment to improving diversity and inclusion and widening access to conservation and environmental science careers.

- Those who come from an under-represented ethnic group
- Those who are care experienced
- Those who have been granted refugee status in the UK
- Those who are estranged from both primary carers (e.g. both parents/carers)
- Those who were eligible for the 16-19 Bursary/ Pupil Premium and/or those who were in receipt of Free School Meals
- Those who are a young carer, defined as being the primary carer for a parent or sibling
- Those who have experienced disruption to their education, for example due to health issues, family circumstances or homelessness.

Person Specification

Essential criteria

- Applicants must have a knowledge of climate, conservation and/or environmental issues as well as a passion for the subject.
- Knowledge or skills of survey methods, statistical analysis and/or in person data collection.
- Good data handling and analytical skills; able to input and manage a database, able to collate, understand and draw conclusions from quantitative and qualitative information.
- Good interpersonal and communication skills; confident in meeting and working with people from a range of backgrounds and disciplines. Ability to communicate clearly as well as engage and enthuse participants to provide information.
- Well-developed organisational and timekeeping skills and the ability to manage projects.
- Ability to prioritise own workload and plan effectively as part of a small team.
- Competent in standard software packages e.g. Word, Excel, Powerpoint.

Desirable criteria

- Studying or have completed a degree in a relevant subject (e.g. social or environmental sciences), but this position is not degree subject specific.