

JOB DESCRIPTION

Vacancy reference:	SRF19353
Post Title:	Post-Doctoral Research Assistant (CALIBRE)
Grade:	Grade 6
School/Department:	School of Agriculture, Policy and Development
Reports to:	Martin Lukac
Responsible for:	None

Purpose

The PDRA will be involved in research and research communication focusing on the climate change mitigation potential of agroforestry systems in the UK.

Main duties and responsibilities

- Carry out state-of-the-art review of agroforestry (AF) in the UK
- Develop and apply AF-specific parameters in a model of terrestrial carbon dynamics
- Liaise with other project participants and support integration of data describing biological, biogeochemical, hydrological and economic performance of AF systems, as well as and farmer attitudes to AF
- Contribute to analysis and interpretation of data, preparation of reports and publications.
- Represent the University and the project in meetings, workshops and training schools

Supervision received

The successful applicant will be supervised by Dr Martin Lukac (project PI), but will collaborate and receive guidance from Dr Tristan Quaife (Meteorology), Dr Joanna Clark (Geography & Environmental Science) and Prof Richard Tranter (Agricultural economics).

Supervision given

There are no positions to be supervised by this person.

Contact

Dr Martin Lukac, SAPD, University of Reading, m.lukac@reading.ac.uk, +44 118 378 8470

Dr Tristan Quaife, Meteorology, University of Reading, t.l.quaife@reading.ac.uk, +44 118 378 8470

Dr Joanna Clark, University of Reading, j.m.clarke@reading.ac.uk, +44 118 378 6581

Terms and conditions

The successful applicant will be contracted to work as 1 FTE on the CALIBRE project based at the Whiteknights Campus. Some attendance at meetings and workshops in other parts of the UK and international travel to meetings will be required.

This document outlines the duties required for the time being of the post to indicate the level of responsibility. It is not a comprehensive or exhaustive list and the line manager may vary duties from time to time which do not change the general character of the job or the level of responsibility entailed.

Date assessed: May 2017

PERSON SPECIFICATION

Job Title	School/Department
Post-Doctoral Research Assistant (CALIBRE)	SAPD

Criteria	Essential	Desirable
Skills Required	<ul style="list-style-type: none"> • Excellent written, presentation and oral communication skills • Excellent organisational skills • Ability to analyse and present data to a range of audiences • Ability to work with computer models • Ability to work independently • Ability to plan own work and prioritise as necessary • Excellent IT skills 	<ul style="list-style-type: none"> • Ability to understand and communicate information on a wide range of issues related to land use and land use change to a wide range of audiences
Attainment	<ul style="list-style-type: none"> • PhD, or equivalent post-graduate research experience in agriculture, geography, environmental science, biogeochemistry, plant science or forestry 	<ul style="list-style-type: none"> • Existing achievement in producing journal papers and project reports
Knowledge	<ul style="list-style-type: none"> • An understanding of the biological basis and limitations of agricultural and/or forest production • Broad knowledge of climate change issues • Understanding of climate change mitigation methods • Familiarity with ecological and economic implications of agriculture • Familiarity with design and project management 	<ul style="list-style-type: none"> • Understanding of the application and limitations of climate, forest and crop models

Relevant Experience	<ul style="list-style-type: none"> • Experience of conducting detailed qualitative research • Experience of working collaboratively • Experience of writing and publishing science and research outputs 	<ul style="list-style-type: none"> • Some practical experience of dealing with the agricultural or forest industry in the UK • Some experience of working inter-disciplinarily
Disposition	<ul style="list-style-type: none"> • Enthusiastic • An ability to work in a systematic and collaborative way on shared data and documents • Ability to work flexibly to meet the changing needs of the role and in order to meet deadlines 	<ul style="list-style-type: none"> • Willingness to research and study topics and issues beyond existing area of expertise

Completed by: Martin Lukac	Date: 16/5/2017
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