

JOB DESCRIPTION

Vacancy reference:	SRF29903
Post Title:	Postdoctoral Research Assistant (Ecological Intensification)
Grade:	Grade 6
School/Department:	SAPD
Reports to:	Dr Deepa Senapathi and Dr Michael Garratt
Responsible for:	Field Assistants

Purpose

To establish, and run international field trials on smallholder farms in India as well as analyse data and publish results.

Main duties and responsibilities

- To select and establish experimental sites based on the design criteria
- To develop detailed methodologies for assessing invertebrates and ecosystem services in agricultural landscapes
- Working with local partners carry out socio-economic farmer surveys
- To lead the field work and oversee international field assistant activities
- To collate and analyse the data and draft manuscripts ready for publication

Supervision received

The post holder will receive supervision from Dr Deepa Senapathi and Dr Mike Garratt.

Supervision given

The post holder will manage a team of seasonal field assistants who will collect field data.

Contact

The post holder will liaise with other members of the project team at our international collaborators and attend regular management meetings. They will be in regular contact with farmers and field teams to ensure fieldwork runs smoothly and is compatible with normal farm operations.

Terms and conditions

Normal working hours, though flexibility to work occasional longer days and/or weekends as well as spending time abroad in Colombia (up to 10 weeks) to set up and manage international fieldwork.

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: 11/06/2019

PERSON SPECIFICATION

Job Title	School/Department
Postdoctoral Research Assistant (Ecological Intensification)	SAPD

Criteria	Essential	Desirable
Skills Required	<ul style="list-style-type: none"> • Insect surveys • Multivariate statistical analysis 	<ul style="list-style-type: none"> • Pollination or natural enemy surveys • GIS / remote sensing • Invertebrate taxonomy
Attainment	<ul style="list-style-type: none"> • PhD in biology, conservation, agriculture, entomology, ecology or similar 	
Knowledge	<ul style="list-style-type: none"> • Conservation • Agro-ecology • Invertebrate ecology 	<ul style="list-style-type: none"> • Agronomy • Pollination • Pest control
Relevant Experience	<ul style="list-style-type: none"> • Managing multiple field site experiments • Publishing in peer-reviewed journals 	<ul style="list-style-type: none"> • Working in developing countries • Managing international field teams • Working with farmers and growers
Disposition	<ul style="list-style-type: none"> • Highly organised and excellent time keeping • Ability to lead and motivate field staff • Happy to live and work overseas for an extended period 	
Other	<ul style="list-style-type: none"> • Current full driving licence (or ability to travel to field sites) 	<ul style="list-style-type: none"> • Verbal communication in Hindi / Tamil

Completed by: Dr Michael Garratt	Date: 30/07/2019
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