Biological Data Analyst

Abingdon, United Kingdom

Website Oxitec Ltd
Oxitec is pioneering environmentally friendly pest control

Reporting to: Head of Field Operations

Responsible for: Data handling and analysis for field trial and operational programs

Purpose of the job

Oxitec is wholly owned subsidiary of Intrexon and a pioneer in controlling insects that spread disease and damage crops. Through world class science it is tackling the major global challenges of keeping people healthy and increasing food production and it is doing so in a way that is sustainable, environmentally friendly and cost effective.

Responsibilities

Oxitec is pioneering environmentally friendly pest control. Effective deployment of Oxitec insects requires extensive and detailed data handling and analysis, including tracking pest populations, numbers of Oxitec insects released and their dynamic ecological interaction both spatially and temporally.

The Biological Data Analyst will provide key support in managing and analyzing large and complex data sets generated in a variety of projects relating to field trials and the operational deployment of Oxitec insects. The Biological Data Analyst will also play a leading role in the ongoing development and implementation of scalable data handling and decision support systems to enable the efficient deployment and management of Oxitec insects.

We are looking for someone with good interpersonal skills, who can support research and operational managers in collaborative projects. We are seeking someone with high competency in computation, data analysis and statistics. A background in biology or related subjects, and/or experience with graphical information systems (GIS), spatial analysis and database integration/management would be highly desirable.

This role requires some international travel.

The main tasks are:

- Lead or support data handling and analysis for field trial and operational projects
- Lead or support deployment of scalable data handling and decision support systems
- Production of scientific reports and publications

Key Skills and Qualifications

- BSc in biological science / computational sciences – MSc/PhD preferred
• Data handling and analysis experience
• Statistical experience
• Leadership and project management skills
• Excellent spoken and written communication
• Independent, self-motivated and resilient
• Willingness to undertake international travel

Preferred Experience

• Experience in GIS
• Database creation/management
• Agronomic or public health insect control and/or field trial experience
• Additional languages (especially Spanish/Portuguese)

Benefits

Highly competitive salary. There is also an annual performance related bonus and company contributory pension scheme.