DATA ANALYST – GEO SPATIAL

Tree Aid, Bristol, United Kingdom
35 hours a week, full time
Salary: £31,228pa + competitive holiday + pension

Job Title:	Data Analyst: Geo-Spatial
Salary:	£31,228
Department:	Programmes
Location:	Bristol Tree Aid has a remote working policy which requires all new staff to be in the Bristol office a minimum of one day per week
Contract Type:	Full Time
Reports to:	Monitoring, Evaluation & Learning (MEL) Advisor
Tree Aid:	TREE AID is an international development organisation - founded in 1987 - that helps villagers living in the drylands of Africa unlock the potential of trees to reduce poverty and protect the environment. It currently has operations in 6 countries: Burkina Faso, Ethiopia, Ghana, Mali, Niger and Senegal with a turnover of £10m.
Job Purpose:	The Data Analyst (Geo-Spatial) is a new position that will work within the Programmes Team to support the process of collecting, analysing, managing and storing data. The position will play a key role in the development and implementation of a new digital Information Management System (IMS) for the organisation's Monitoring and Evaluation data. This will be done in partnership with internal and external stakeholders.

Responsibilities:	**Key:** • Develop organisational M&E database, focusing on areas of land benefiting from restoration activities – including tree planting and tree regeneration. • Working with external developers, develop data collection tools, aggregation, analysis and visualisation for project indicators and organisational Key Performance Indicators (KPIs). • Lead on the analysing of geo-spatial data across the organisation using a variety of software and approaches. • Data management: data checking, updating and storage of collected data. • Develop online dashboards to support Programme Management. • Support Carbon team in producing and analysing Geo-Spatial data. **Additional:** • Digital Survey Creation: Using software solutions to create digital surveys to be administered via phone/tablet by field staff. • Learn and develop new software applications with vision for integration in Tree Aid workflow. • Work together with the other members of the Monitoring and Evaluation Team on improving technical support of all Tree Aid programmes. • Any reasonable duty may be assigned that is consistent with the job and its level of responsibility.

Key Relationships:	**Internal** • Monitoring, Evaluation and Learning Advisor • Technical Advisors • Monitoring and Evaluation staff (Africa) • Programme team **External** • Programme Partners • Software / platform developers

Qualifications/Knowledge and Experience	**Essential**
	• Experience with Remote sensing (data analysis), and GIS software applications.
	• Experience with R, Python and SQL programming languages and GIS software applications.
	• Experience of developing and managing databases.
	• Working with and analysing complex data sets.
	• Experience of creating digital survey forms in open-source software for collecting data and using logical functions to limit or control questions and answers.
	• Understanding of Carbon dynamics and Land restoration
	• Commitment to the vision and values of Tree Aid.
	• Enthusiastic and positive attitude; flexible and adaptable.
	• Ability to use own initiative, to self-manage responsibilities, and deliver tasks in a timely manner.
	• Excellent MS Office including MS Excel, MS Word, and MS PowerPoint.
	• Excellent written and verbal communication skills (English).
	Desirable
	• Experience with: Google Earth Engine
	• Experience with: ONA (Canopy; AKUKO)
	• Experience with: Open Data Kit (ODK)
	• Experience with DBT and Airbyte
	• Experience with: Power BI / Tableaux
	• Experience in the Voluntary Carbon Market (VCM)
	• Ability to transfer complex algorithms between softwares and coding languages
	• Ability to scientifically defend geospatial analysis outputs
	• Working knowledge of French
	• Related work experience

Any candidate offered a job with Tree Aid will be expected to sign Tree Aid's Safeguarding Policies and Code of Conduct as an appendix to their contract of employment and agree to conduct themselves in accordance with the provisions of these documents.

Specific roles may require police/DBS/garda vetting.
Tree Aid strives to be an Equal Opportunities Employer.