



GIS Officer

Salary: £32,000 per annum

Contract Type: Full time. 18 months with potential to become permanent

Location: Our offices in Greengates, Bradford. Hybrid.

Reports to: River Enhancement Project Manager

Purpose of the Role

The Aire Rivers Trust works to improve the River Aire and its catchment for people, wildlife, and future generations.

We are growing and this is an amazing time to join us as we have a range of exciting projects that we need more technical GIS and data skills to support.

Our GIS use and knowledge within the team needs building and the initial ask for this role will be to review our current usage and needs.

The **GIS Officer** will play a key role in supporting our mission by managing and analysing spatial data, producing high-quality maps and evidence to inform conservation projects, catchment management, and community engagement.

This role will help the Trust make evidence-based decisions, demonstrate environmental impact, and communicate our work effectively to partners, funders, and the public.

We host the catchment partnership and want to find ways to share and build data from across the catchment.

Key Responsibilities

- Develop, maintain, and update the Trust's spatial data and mapping systems.
- Collect, clean, and analyse datasets related to the River Aire catchment.
- Produce clear and engaging maps and visual outputs to support restoration projects, community initiatives, and funding bids.
- Work closely with project officers to integrate field data (e.g. habitat surveys, water quality monitoring, and citizen science data) into GIS systems.
- Support catchment planning and prioritisation by identifying areas for habitat improvement, flood management, or community engagement.
- Manage and document spatial data in line with Open Data and data protection standards.
- Provide GIS support to staff and volunteers.

- Liaise with partner organisations (e.g. Environment Agency, Yorkshire Water, academic and local authority partners) to share and coordinate spatial data.
- Contribute to reporting and project evaluation by producing GIS-based evidence of environmental outcomes.
- Explore innovative uses of GIS for storytelling, education, and public engagement (e.g. interactive maps, online dashboards).

Person Specification

Essential Criteria

- Degree (or equivalent experience) in Geography, Environmental Science, GIS, or a related discipline.
- Proven experience using **QGIS**, **ArcGIS**, or equivalent GIS software.
- Strong analytical skills and experience handling environmental or hydrological datasets.
- Ability to manage, manipulate, and visualise spatial and tabular data.
- Understanding of coordinate systems, projections, and spatial data formats.
- A passion for environmental improvement, nature recovery, and community engagement.
- Strong attention to detail and ability to work independently.
- Good organisational and project management skills.

Desirable Criteria

- Knowledge of the River Aire catchment or other UK river systems.
- Experience using **Python**, **R**, or **SQL** for data processing or analysis.
- Familiarity with **ArcGIS Online**, **Leaflet**, or **Mapbox** for web mapping.
- Understanding of **hydrological modelling**, **land cover analysis**, or **biodiversity mapping**.
- Experience working with community, volunteer, or citizen science data.
- Knowledge of environmental datasets from the Environment Agency, Natural England, or other UK bodies.

Working for us

- **Hours:** 37 hours a week, with occasional evening or weekend work required for events or community engagement activities. We do not pay overtime and so any out of hours working will be compensated by Time off in Lieu.
- **Travel:** Some travel within the Aire catchment area for meetings and stakeholder engagement. You will need your own car and a full driving licence.
- **Location:** The role will be based at our offices in Greengates, Bradford
- **Benefits**
 - 25 days annual leave, plus bank holidays with increases linked to length of service
 - Nest Pension Scheme
 - Hybrid working
 - At the discretion of the Trustees an enhanced sick pay offer:
 - After probationary period 20 days full pay and 20 days half pay
 - After first year of service, 40 days full pay and 40 days half pay

About us

The Aire Rivers Trust is a small charity of dedicated and friendly people who want to improve our River Aire and its catchment. We are part of [a national network of Rivers Trusts](#), each of which works to improve their river for people, wildlife and the environment. We believe in connecting people, places and nature.

Our vision for the River Aire is that it will be a thriving river valued for its environmental, social and economic benefits, and which is actively appreciated by the community for its diverse ecology and contribution to flood risk management.

The work we do is both special and very varied. A typical week can include anything from building fish passes to supporting local volunteers, clearing litter from the riverbanks or working with schools to educate future generations about the importance of looking after their river.