



Trent Rivers Trust

Job Title:	GIS Technical Project Officer / Senior Project Officer
Job Location:	Trent Catchment – various catchments
Salary and terms:	Salary £27,579 - £31,441. Full-time or part-time, permanent, subject to funding availability (salary dependent on experience).
Reporting to:	Head of River Restoration and Nature-based Solutions
Base:	Hybrid working, with an office base Darley Abbey, Derby, travel to sites will be required

Background

Trent Rivers Trust is an award-winning charity, that is now delivering our 2025-2030 business strategy.



We believe the Trent has enormous potential for recovery, and 25 years of experience puts us in a position to play a leading role in the river becoming a vibrant lifeline for communities and wildlife.

As a charity and member of the Rivers Trust movement, we do this by making a hands-on difference. We take a practical, level-headed approach and work closely with local communities, landowners, businesses, and government bodies to implement innovative projects dedicated to improving river health.

Be part of a growing team

Over the last eight years, Trent Rivers Trust (TRT) has expanded rapidly. We went from eight members of staff to 25 and have hugely increased the scale of our projects.

TRT delivers a variety of projects of different lengths and complexity and has 4 work areas. These are:

- Catchment Recovery
- Land Use and Water
- River Restoration
- Connecting People and Rivers

(Senior) GIS Technical Project Officer Job Description



Job Purpose

TRT seeks to develop and expand our use of spatial data to identify, develop and promote our work, both internally and to an external audience. This role will form a key part of supporting our team to make best use of GIS data, providing technical support to protect staff and also using mapping resources to highlight the challenges that our rivers are facing. This will be a crucial role, to ensure that we are utilising latest GIS best practise across all our work across all four of our project areas. The post holder will also play a broader role on project delivery when required and support data management activities across the Trust's work.

The Role

The role will provide GIS, data and mapping expertise to support and inform the delivery of projects across the Trent catchment. The GIS technical project officer will be based within the NBS and River Restoration Team and will be expected to provide technical GIS input at all stages of project planning.

This will include use of specific GIS tools and other water management software to help design concepts. The post holder will also be expected to create mapped outputs, support staff with data analysis and create externally facing mapping resources. The role will be critical in supporting the development of a GIS mapped based platform to inform the strategic identification of projects delivered by the Trust.

This role will also be expected to create engaging and interactive maps to present spatial data to external stakeholders, including the many organisations involved in our Catchment Partnerships. There is scope for this role to help TRT to develop and make better use of open-source data and other GIS specialist applications.

The GIS officer will also be involved in the management of data to assess and demonstration of the impact of our work. And when required take a broader role in project delivery.

Principal Duties and Responsibilities

Project Delivery

- Collate and set up evidence and data layers in GIS format for desk study review of constraints and opportunities
- Use GIS and other technical design software as part of project scoping and design of capital projects
- Identify and develop schemes that slow flows and restore natural processes along watercourses
- Support TRT staff to create technical and engaging maps



- Use water management software (SCALGO, SCIMAP etc and other specialist GIS tools) to map and refine projects
- Work with TRT project staff with GIS expertise as required to support wider project delivery
- Assist with the delivery and supervision of a portfolio of mainly practical environmental improvement projects across the Trent catchment when required.
- Provide support for site surveying and monitoring of project impacts
- Maintain data and evidence reporting metrics in conjunction with other TRT staff
- Support other aspects of project planning, design and delivery

Partnership working, coordination and communications

- Represent TRT, demonstrating our technical expertise and track record to promote our work and ambitions to stakeholders, funders and policy makers
- Help promote TRT to stakeholders, funders, policy makers and the media to raise the profile of the organisation and deliver key messages
- Preparation of reports, presentations and opinion to managers, trustees and the CEO as required
- Contribute to the up-to-date communication of TRTs achievements using social media, webinars, reports, blogs and website articles as required

Project reporting, claiming and fundraising

- Support with the development of project proposals as required
- Provide information as required via project progress reports, funder updates and the gathering of evidence via appropriate project monitoring
- Ensure all funders are provided with the appropriate reports and evidence in line with contracts and grant conditions

Contribute to the work of Trent Rivers Trust

- Contribute to and support the work and growth of TRT, delivering the Trust's vision, mission and core values
- Use and develop their technical expertise to improve TRT's evidence and impact led approach to project delivery
- Contribute to the Trust's systems and processes, ensuring good record keeping, project and budget management, reporting to funders, partners and internally as required
- Follow the TRT H and S policy, taking responsibility for their own H and S and contribute to the improvement of H and S at TRT

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- Other duties as may be appropriate to the position and operation of the Trust

Person Specification

Who we are looking for

TRT is seeking a suitably qualified person to fulfil the role of GIS Technical Officer. The following skills and experience have been identified as essential or desirable for this role:

Experience & Skills	Essential	Desirable
Training and Experience		
Educated to at least degree level in a relevant field or equivalent work experience in a relevant sector	X	
Experience providing GIS expertise to inform project delivery for an environment organisation.	X	
Experience and understanding of the need to ensure scientific robustness in the development and delivery of projects	X	
Experience of partnership working via meetings and workshops with a range of partners and stakeholders		X
Experience working on site on environmental projects, either scoping or delivery		X
Evidence of effective communication skills including ability to build and maintain good relations with external stakeholders.	X	
Knowledge and Skills		
Experience working with ESRI's suite of GIS software, including ArcGIS Pro, ARC GIS Online and Survey 123	X	
Experience in production of clear survey maps, report figures, present data and data analysis	X	
Ability to produce high-quality maps, analyse complex data effectively and ability to communicate technical information to skilled and non-technical audiences		X
Ability to use LIDAR, SCIMAP and SCALGO as well as GIS software to design interventions to reduce flow rates and levels		X
Ability to use r and or python to set up open-source mapping platforms, using opens source data sets		X
Experience of GIS within the context of recording and interpreting data	X	



Highly effective project management skills, working to deadlines and budgets across a range of projects simultaneously		X
A good working knowledge of MS Office 365, email and social media	X	
Excellent organisational skills with attention to detail and the ability to work independently with minimal supervision	X	
Understanding of good record keeping and how to fulfil funders' requirements	X	
A good understanding of the challenges of working in the NGO sector and/or a small organisation		X
Miscellaneous		
Commitment to equality of opportunity	X	
Full driving licence and car insured for business use. Willing to travel across the Trent Catchment	X	
A strong team player who can work independently and relate to other TRT staff to achieve shared work objectives	X	
Ability to work occasional evenings and weekends if required	X	
Knowledge of H and S as it relates to the oversight of environmental projects	X	
Understanding of data protection and GDPR		X

Equality, Diversity & Inclusion

Trent Rivers Trust is committed to building an inclusive and diverse workplace where everyone feels valued, respected and supported.

We aim to be flexible in terms of people's workplace and working requirements. If you need any adjustments or support during the application process, at interview, or in the workplace, please feel comfortable discussing this with us at any stage.

Terms and Conditions

- The starting salary for this post depends on skills and is from £27,579 to £31,441 FTE. It is anticipated that this will be a full-time post but part-time working may be considered for an exceptional candidate; the salary will be paid pro rata in this case
- The post holder will be required to satisfactorily complete a 2-month probation period before being confirmed in post

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- The post will require frequent travel around the Trent catchment and therefore a full UK driving licence and access to a car is essential. Mileage expenses will be paid in accordance with the HMRC non-taxable levels. Car insurance providers need to be made aware of this business use
- TRT will contribute 9% of gross salary by the Trust, subject to a 6% Employee Contribution or the minimum rates in line with our auto-enrolment scheme, both subject to possible increases. TRT can contribute to a qualifying pension scheme of choice of the successful post holder. TRT recommends seeking independent legal advice in regard to pensions
- The post attracts an annual holiday entitlement of 25 days plus eight statutory bank holidays for a FTE post, calculated on a pro rata basis for part-time hours
- The post holder will be based in our offices at Darley Abbey, near Derby. TRT operates a blended hybrid home office work base. Employees are expected to provide a broadband connection which can be used for TRT business. Office consumables can be claimed on expenses when used directly for TRT purposes, subject to approval

The Trent Rivers Trust Work Ethos

The Trent Rivers Trust comprises a growing team of environmental professionals dedicated to the improvement and enhancement of the Trent Catchment. Staff members often work unsupervised due to the nature of our work and size of the Trent catchment. Regular team meetings and other catch-ups are organised where we share ideas, learn from each other and support improvement within TRT.

TRT recognises the importance of a strong work-life balance and actively promotes this. A high degree of flexibility is provided to staff members in relation to hours and location of work in return for their commitment, honesty and integrity. TRT expects staff to follow our five core values of being galvanising, supportive, independent, aspirational and having integrity. Staff members are expected to work unsocial hours when necessary, including occasional weekends and evenings.