



North & Mid Wales Trunk Road Agent

**Climate Change and Environmental IT
and GIS Data Transformation Analyst**

Recruitment Pack



Welcome from the Head of Service



MARK MCNAMARA
NMWTRA HEAD OF SERVICE

At the NMWTRA, we help create a road network that connects people and places in a safer, greener and more reliable way.

We work on projects across North and Mid Wales that address some of the country's most critical challenges. From complex infrastructure, increasing transport needs, and climate change – we combine innovation, expertise, and technology to make North and Mid Wales a better place to live, work and visit.

You can contribute to work that will have a lasting positive impact on your local community with an organisation where diversity, equity and inclusion are shared values. We're committed to fostering a work environment that's supportive, respectful, and inclusive, with great opportunities for growth.

Why not give it a try? We would be very happy to consider your application to join our skilled, enthusiastic, and friendly team.

Where we're based

**Over 250
employees
based across
North and Mid
Wales.**

- Aberaeron, Ceredigion
- Bangor, Gwynedd
- Conwy
- Dolgellau, Gwynedd
- Halkyn, Wrexham
- Llandrindod Wells, Powys
- Newtown, Powys





Job Title: Climate Change and Environmental IT and GIS Data Transformation Analyst

Do you enjoy a challenge and like variety? If so, then this post may be for you.

We are looking for a IT and GIS Data Transformation Analyst to join an exciting and growing team.

Salary: PS1 (SCP 29-31) £37,336 - £39,186

Duration: Temporary 2 year contract

Location: one of the following locations;

Conwy Traffic Management Centre, Bangor, Llandrindod Wells, Halkyn, Newtown, Aberaeron, Dolgellau

Closing date: 22/08/2024

Application forms and further details available at www.gwynedd.gov.uk or by telephoning 01286 679076.

[Apply here](#)

Purpose of post

As an Climate Change and Environmental IT and GIS Data Transformation Analyst, you will be responsible for designing, developing, testing, and implementing spatial data management systems to support Agency operations. You'll collaborate with cross-functional teams to integrate GIS data into financial and operational IT systems and analyse geo-referenced datasets to produce insightful reports for senior management, facilitating strategic decision-making.

In addition, you'll conduct data cleansing, maintenance, and analysis of asset inventory datasets related to our strategic road network. You'll implement solutions using industry best practices, ensuring the future-proof development of spatial IT systems and the security and confidentiality of sensitive data. Providing support to internal and external teams in IT solution development and delivering objectives within agreed timelines and budgets are also key aspects of this role.



Responsibilities

- Responsible for designing, developing, testing, implementing, maintaining and documenting spatial data management systems for the Agency. With support from others, linking GIS data into financial management and operational IT systems, and where applicable the procurement of associated services and equipment.
- Production of associated reports through specialist knowledge of geo-referenced datasets and their analysis tools within spatial management systems and presenting to Agency senior management to assist in the decision-making process.
- Responsible for the data cleansing, maintenance and analysis of various asset inventory datasets associated with the strategic road network such as drainage, environmental etc..
- Create solutions using best practice and maintain knowledge of current best practices.
- Design and implementation of spatial IT systems, equipment and data held, ensuring solutions are developed in a futureproof manner.
- Security of commercially or any sensitive data and physical IT equipment.
- Supporting internal and external teams in the development of IT solutions.
- Delivery of objectives within agreed timescales and budgets.
- Responsibility for specialist IT equipment and licencing of software.
- Development and maintenance of any existing and future Management System.
- Responsibility for project management of systems. Including the production and review of technical specifications.
- Responsible for the production and implementation of policies and procedures around new systems and their operation.
- Production and implementation of policies and procedures for implemented solutions.
- Promote self learning in the organisation by providing training of end users in the use of specialist IT and data management systems.



Person Specification

You should refer to these job specific criteria in your application form.

Job Specific Criteria

Essential

- Able to comfortably use a range of software, or quickly learn how to use them plus other systems and interfaces.
- Able to explain problems and solutions clearly to non-technical staff.
- Able to logically approach problems and use evidence to reach solutions or recommendations
- Able to undertake work of a complex and diverse nature.
- Have good attention to detail and technical aptitude.
- Have excellent Communication skills in order to provide support and training on technical matters effectively with staff and other end users.

Qualifications and relevant training

Essential

Extensive evidence of continual professional learning and development associated with GIS.

Relevant Experience

Essential

- Extensive experience working in a professional GIS environment.
- Experience of undertaking analytical, problem solving to aid system design and deployment, judgmental and creative skills.
- Experience of design and maintenance of on premise or cloud-based management systems.
- Experience of promoting the use of digital technology to improve employee interaction/knowledge, processes and innovation.
- Experience of digitising information to increase efficiency and enable automation.
- Experience of working within a supportive environment in providing support to customers.

Skills and specialist knowledge

Essential

- An advanced understanding of GIS platforms, tools and analysis.
- A thorough understanding of data security.

Language requirements

Essential

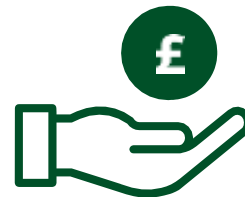
The ability to speak English is essential for this role.

Working for the North & Mid Wales Trunk Road Agent

NMWTRA is an exciting place to work. We have progressive policies and a commitment to training and development.



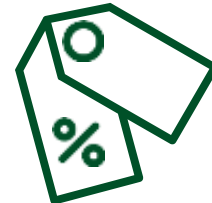
- 26 days of annual leave per year.
- 8.5 days of public and statutory holidays.
- Hybrid working minimum 2 days in the office.
- Flexible working hours.



- Incremental pay increase
- Generous Local Government Pension Scheme further information on the [Gwynedd Pension Fund](#) website.



- The opportunity to work in beautiful locations across North and Mid Wales including 1 national parks, 50 nature reserves and 1,680 miles of stunning coastline.



- Assisted car purchase & cycle to works schemes
- Lifestyle savings on groceries, holidays, eating out, DIY, electricals, insurance, motoring, and much more!



- On the job learning and exciting career development opportunities.
- Contribution towards the membership of professional bodies which are relevant to the work.



- MEDRA Counselling service - free and confidential counselling service for staff
- Generous maternity, foster, adoption, and shared parental leave