



Cymru

AGI GeoCymru Annual Conference 2025

Geospatial Solutions for the Built Environment



Register www.agi.org.uk/agi-geocymru-2025

Thursday 9 October 2025

Sophia Gardens, Cardiff

08:45	Registration and Networking	
09:30	Welcome and Introduction to the AGI	
09:45	Trisha Wells-Lane, Esri UK	
10:10	Keynote - Professor Scott Orford, Cardiff University Public Map Platform is a two-year research initiative led by Cambridge University to make places in the UK better for the people who live there, focused on Ynys Mon / Anglesey	
10:30	Pascal Coulon, CGI	
10:55 - 11:25	Break, Networking and visit our Exhibitors	
11:25	Duncan Hill, Europa Technologies	
11:40	Nicholas Kinsella, Ulster University CH4 Sentinel - An Open-Source, Processor Light Method for Measuring Methane Super Emitters	
12:00	Mike Saunt, Astun Technology GIS for the Built Environment: Cloud & Collaboration	
12:15-13:15	Lunch, Networking and visit our Exhibitors	
13:15	Richard Flemmings, Map Impact Map Impact – Understanding new climate risks in the Built Environment	
13:35	Joe Hillard and Viviana Caroli, National Trust Mapping the Past, Empowering the Present: How National Trust HART Volunteers Are Using GIS to Protect Heritage	
13:55	James Wardroper, Ordnance Survey National Underground Asset Register (NUAR)	
14:15-14:45	Interactive Session	
14:45	Hannah Brooks, Geoplace Policy principles to support the effective use of address data	
15:05 - 15:35	Break, Networking and visit our Exhibitors	
15:35	Keynote - Gayle Lister, Pembrokeshire Coast National Park Authority Planning for the Conservation and Enhancement of Dark Skies in Wales	
15:55	Summary and Close of Day	

Welcome from our AGI Cymru Co-Chairs



Phil Barlow



Dave Roberts

As Co-Chairs, it is our pleasure to welcome you to GeoCymru 2025. Hosted by AGI Cymru.

AGI Cymru is dedicated to promoting the use of geographic information across Wales, supporting innovation, professional development, and collaboration through events like this one.

Over the course of this event you'll be hearing from leading voices in the field, participate in an interactive session and have opportunities to network as we explore this year's conference theme "Geospatial Solutions for the Built Environment"

We hope you will join us at the Brewhouse and Kitchen where the conversations and networking can continue over a drink immediately after the conference.

Thank you for joining us—let's shape the future of geospatial in Wales together!

AGI Cymru Co-Chairs

Phil Barlow and Dave Roberts

Our Speakers



Trisha Wells-Lane
Esri UK

Trisha Wells-Lane is a Solution Architect in the Government team with Esri UK. Prior to joining Esri UK in January of 2025, she was a Principal Technical Consultant at Esri Inc in Washington DC, having joined in 2008. Trisha studied computer science and GIS in university and has focused on integrating ArcGIS Enterprise deployments in large, complex, and secure IT environments. As a new UK resident living in Dorset, she is eager to explore how GIS is applied in the UK. Aside from GIS, Trisha is an avid triathlete and has been learning to sail in Poole Harbour.



Keynote - Professor Scott Orford
Cardiff University

Scott Orford is a Professor of GIS in the School of Geography and Planning, Cardiff University. His interests are in mapping, geospatial analysis and digital planning, especially around building open data platforms and dashboards to facilitate decision-making by policy makers and community groups. He is a Co-Director and academic data lead of the Wales Institute of Social and Economic Research, Data and Methods (WISERD) and is the academic lead on the Understanding Welsh Places project and co-lead on the Public Map Platform project which is building an open mapping platform aimed at individuals and communities to engage with the wider planning system



Pascal Coulon
CGI

Pascal Coulon leads CGI's Geospatial Practice in the UK, helping government and public sector organisations unlock the power of location data to deliver better outcomes for citizens. With extensive experience in applying geospatial technologies across central and local government, Pascal works at the intersection of data, digital innovation, and public service transformation.

Under his leadership, CGI's Geospatial Practice supports programmes that make communities safer, enable new housing developments, and optimise the way government departments plan, design, and manage the built environment. By combining deep geospatial expertise with CGI's global IT and consulting capabilities, Pascal helps organisations turn complex datasets into actionable insights that drive smarter decision-making.

Passionate about the role of geospatial intelligence in addressing national challenges, Pascal regularly contributes to industry events and thought leadership forums. He is committed to advancing the use of innovative mapping and spatial solutions to support the UK government in achieving key policy objectives and building stronger, more sustainable communities.

Our Speakers



Duncan Hill
Europa Technologies

Duncan is a respected and well-known member of the geospatial community. With over 25 years' industry experience, he has helped many organisations benefit from the power of location intelligence, both in the UK and internationally, and across a range of market sectors. At Europa Technologies he finds ways in which geography and data science can be applied to deliver actionable data-driven insights for our clients.

Outside of work, Duncan is a member of the Association for Geographic Information and has previously served on AGI Council. He loves the great outdoors and can often be found walking or cycling in Worcestershire or beyond.



Nicholas Kinsella
Ulster University

Nick Kinsella is a geospatial analyst with a strong interest in applying remote sensing and spatial data to environmental and industrial settings. He recently completed Master's with Distinction in Geographic Information Systems at Ulster University, where his thesis surveying methane emissions at Algeria's largest oil field won an Ordnance Survey Northern Ireland award and is being put forward for the Royal Geographical Society's prize for outstanding postgraduate research.

Nick is keen to talk about how the use of satellite data can be used to monitor methane emissions from sources such as oil and gas infrastructure and landfills, demonstrating how Earth observation technologies can contribute to improving efficiency in the energy sector, as well as informing energy policy, especially in regions where ground-based monitoring is limited or not impractical.



Mike Saunt
Astun Technology

Mike Saunt is the Managing Director and founder of Astun Technology, a UK-based leader in open source geospatial solutions. Established in 2005, Astun Technology emerged from Mike's vision, built around the fledgling iShare Maps application and a commitment to open source web mapping and GIS services. Under his direction, Astun has become a trusted provider for local authorities, offering expertise in Enterprise GIS, metadata management, custom software development, support, and training.

A long-time advocate for the geospatial community, Mike supports community-based initiatives, contributing both financial sponsorship and staff time to events, code sprints, and conferences. His leadership blends innovation with practicality, fostering collaborative engagement across organisations to enhance service delivery and propel open source GIS forward.

Our Speakers



Richard Flemmings
Map Impact

With over 20 years' experience working across the geospatial sector and with a background including managing airborne surveys in remote parts of Africa, delivering complex and multi-faceted national mapping projects, and more recently, using satellite remote sensing data to solve challenging environmental problems.

A member of the AGI Council and involved in a thriving geospatial community, Richard experiences help to contribute to wider geospatial advocacy, and the core mission of AGI.

Richard is passionate about applying geospatial data to support societal and environmental sustainability, and uses it in his position on the AGI council to continue to influence technology development in the right way.



Joe Hillard
National Trust

Experienced Geographic Information System Developer with a demonstrated history of delivering field-based geospatial solutions, supported by Python and FME. Passionate about inspiring stakeholders to engage with GIS as a decision-making tool.

Key achievements include deploying a volunteer-led monitoring app using Field Maps & Survey123, developing a compliance-focused Paths & Outdoor Furniture app for Rangers and Countryside staff, and qualifying as a commercial UAV pilot.

Skilled in Python, FME & Git for automation, field GIS deployment, and delivering training through standards documentation and in-field support. Interests include geocaching, historic OS maps, contributing to Open Street Map and birdwatching.



Viviana Caroli BA CPIfA
National Trust

Archaeologist for the National Trust in the West Midlands. Her role focuses on the protection and management of the historic environment and archaeological collections. Passionate about public engagement and participation. One of the major contributors in the establishment of the volunteer-led monitoring programme (HART) in the National Trust. Responsible for data management, training programmes and in-field support.

Our Speakers



James Wardroper
Ordnance Survey

James Wardroper is a Senior Relationship Manager at Ordnance Survey working on NUAR. His role is onboarding new asset owners. He has over twenty years' experience in Geographical Information Systems, Software, and Consultancy. Previously he supported OS customers in Wales and has worked with Central Government Departments helping them get the maximum business benefit from using geographic information which included working on corporate address solutions for key Departments. He has an MSC in GIS is a Chartered Geographer and a Fellow of the Royal Geographical Society.

Favourite work memories: Working in the Olympic Secretariat during the 2012 Olympics and being seconded into the Joint Biosecurity Centre during the COVID emergency.

Likes: Outdoor pursuits, travelling abroad and formal afternoon tea.

Dislikes: Bureaucracy, tea made in a mug!

Hobbies: Hill walking, being Church Warden in the local village, physical exercise.



Hannah Brooks
Geoplace

Hannah is one of the Local Authority Liaison Managers at GeoPlace, supporting the address and street data community in understanding and delivering against the Data Cooperation Agreement. After starting out in the private sector working in GIS, she spent many years as an LLPG custodian, SNN officer and GIS analyst at various local authorities around the country. Based on this experience, Hannah is now an enthusiastic advocate for the work of Custodians and the benefits their data can bring.



Keynote - Gayle Lister
Pembrokeshire Coast National Park Authority and a member of the Dark Skies Working Group

On 20 February 2025, Wales became the first UK nation to introduce national good practice guidance to protect its dark skies. The guidance is for use in planning policy making and decision taking and was produced collaboratively by the Dark Skies Working Group which includes representatives from NRW, National Park Authorities, National Landscapes, LPAs and Welsh Government.

The guidance provides detailed advice for planners and developers with the aim of delivering improved outcomes for the night sky, ecosystems and people. The recommendations and lighting design principles set out in the guidance are applicable to the whole of Wales, especially in the built environment.

Gayle Lister is a Principal Planning Officer in Strategic Policy for the Pembrokeshire Coast National Park Authority and a member of the Dark Skies Working Group.

Our Platinum Sponsors



At CGI, we are proud to be working together with UK central government to harness the power of geospatial technologies in addressing some of the nation's most pressing challenges. Our mission is to help public sector organisations transform complex data into actionable insights, enabling smarter decisions and more efficient delivery of services that directly benefit communities across the country.

Geospatial technologies play a critical role in shaping the future of the UK. From supporting programmes that make streets safer to enabling the planning and delivery of new housing, our expertise is helping government departments unlock the value of location-based data to drive meaningful outcomes. Whether it is enhancing community safety through better intelligence, optimising land use to accelerate housing development, or providing a clearer picture of the built environment, CGI is at the forefront of applying geospatial solutions to national priorities.

As one of the world's largest independent IT and business consulting services firms, CGI brings a unique blend of local knowledge and global expertise to every engagement. With over 90,000 professionals worldwide — and a dedicated UK Geospatial Practice — we deliver innovative solutions that combine cutting-edge technology, deep industry understanding, and a commitment to public service excellence. Our collaborative approach ensures we work closely with government departments, agencies, and local authorities to deliver solutions that are practical, scalable, and impactful.

CGI will also present at the conference, exploring how advanced geospatial mapping solutions are helping government achieve key policy objectives and deliver tangible benefits to citizens. We look forward to sharing our experience, demonstrating our capabilities, and continuing to support the UK government in delivering safer, stronger, and more sustainable communities.



Esri was founded on the vision that geographic thinking and digital mapping could help design a better world. To this day we remain passionately true to that vision, working closely with governments across the world, to help sustainably improve the lives of citizens, realise the potential of their communities and protect and nurture the environment.

Similarly, with commercial organisations, we enable sustainability programmes, drive site selection and management of infrastructure, enable real time operational management and facilitate excellence in customer service.

Our technology and services make sense of complexity and model the world from a geographic perspective that recognises the importance of place in improving people's lives and growing successful businesses.

If you are interested in finding out more about working with us to build a better future, please contact us: info@esriuk.com
01296 745599

Our Gold Sponsors



**ASTUN
TECHNOLOGY**

Astun Technology are Experts in Place. We're a dynamic team of open source geospatial specialists who are actively engaged in the open source community.

Who we help

We partner with our customers to deliver open source geospatial software services that adapt to their evolving needs.

If you're looking for ways to cut costs, reduce risks, and improve efficiency, please talk to us about our technologies. For example, our solutions can help you minimise the risks and costs associated with collecting, sharing, and managing location-based data.

What we do best

Our flagship solution, iShare in the Cloud (iSiC), is an end-to-end GIS featuring desktop and public mapping, plus a built-in Spatial Data Warehouse. It's available through G-Cloud. iSiC add-ons empower users to create simple web maps, analyse location-based data in Power BI, collect fault reports from residents, and conduct advanced GIS editing in a web browser.

Beyond iSiC, we provide expert consultancy, support, custom software development, training, and data/metadata management services.

Our valued clients

We proudly support Ordnance Survey, the Planning Inspectorate, Natural Resources Wales, the Ramblers, Scottish Government, and over 50 local authorities. You can explore customer success stories on our website.

Why choose us

We build lasting relationships - many clients have been with us since our inception in 2005. Our 'no-hard-sales' approach will ensure you feel comfortable talking to us about your needs and objectives. Plus, our regular webinars and annual User Group foster peer-to-peer support, enabling customers to share experiences and achieve their goals together.



Europa Technologies is an award-winning provider of location intelligence solutions, helping organisations unlock insight and gain competitive advantage through the fusion of geography and data science. With 35 years of experience, we empower clients across all sectors to make smarter, location-informed decisions.

How We Help

- **Public Sector:** We help government bodies maximise their use of Ordnance Survey data under the Public Sector Geospatial Agreement (PSGA), driving efficiency and better service delivery.
- **Telecoms & Fibre Operators:** We support network planning by revealing address density, locating multi-dwelling units, and providing title numbers for land parcels – streamlining deployment and access.
- **Insurance:** We enable insurers to assess risk with pinpoint accuracy – identifying the exact location of a property, its proximity to perils (e.g. flooding), and whether it includes features like basements.

Trusted Data, Seamless Access

As a Strategic Partner of Ordnance Survey, Europa Technologies offers comprehensive support for the full suite of OS datasets – available as both products and services. Our award-winning **viaEuropa** platform delivers OS data directly into your applications, putting vital information at your users' fingertips.

Uniquely, viaEuropa also supports OSNI data for Northern Ireland, providing complete UK coverage. It's the service of choice for organisations such as HM Land Registry, HM Revenue & Customs, RSA Insurance, and the Welsh Government.

Built Environment Focus

Aligned with the conference theme, "Geospatial Solutions for the Built Environment", we already support numerous clients in this space. A standout offering is OS NGD Buildings, a rich dataset covering building age, roof type, and basement presence across Great Britain

When combined with **OS NGD Address**, this data becomes a powerful tool for businesses and governments to make critical decisions and deliver essential services with confidence.

Visit our stand to see a live demonstration and discover how Europa Technologies can help you harness the power of location intelligence.

Our Silver Sponsors



Bluesky International, a Woolpert company, is an aerial survey and geographic data company, producing and maintaining digital aerial photography and height data across Great Britain and the Republic of Ireland. Bluesky also conducts bespoke surveys, including LiDAR, for industries such as financial services, utilities, telecoms, insurance, construction and environment.

As the UK Government's chosen supplier for aerial photography and height data through the APGB contract (Lot 1), Bluesky serves all public sector organisations including local authorities, emergency services, national parks and parishes.

Bluesky operates advanced aircraft and sensors, including Ultracam Eagle Mark 3s, Leica TerrainMapper 2, and Leica CityMapper 2s, enabling the collection of vertical and oblique imagery, and LiDAR data. Their innovative approach has led to the development and creation of unique products like the National Tree Map™, National Hedgerow Map™, and MetroVista™ 3D mesh models for digital twins and smart cities.

Bluesky was acquired by Woolpert in 2025. It has offices in the UK, US, Republic of Ireland, and production centres in India.



Empower Your Business with Future-proof Geospatial Solutions

At Avineon Tensing, we future-proof your geospatial data management with continuous support for evolving formats, services, and standards. Our GIS, FME, and data engineering specialists deliver scalable, innovative solutions. We transform geospatial data into a strategic advantage that drives smarter decisions and measurable outcomes.

With over 30 years of combined expertise, we bring together technical knowledge in geospatial systems and hands-on experience with data-driven solutions. Whether integrating complex datasets, developing pipelines for cloud and hybrid environments, or adopting cloud-native formats, we ensure your data management is ready for the future.

From five offices across Europe, in London (UK), Utrecht (NL), Montpellier and Paris (FR) and Lier (BE), our team works closely with you to align solutions with your goals. We guide you through all stages of geospatial data management, from initial concept to long-term maintenance.

Our advanced approaches include no-code/low-code solutions to simplify data integration and visualisation, and Generative AI (GenAI) to optimise data cleanup and augmentation. These innovations streamline workflows and empower your team to work more effectively, keeping your organisation ahead in an ever-changing field.

Partner with Avineon Tensing to unlock the full potential of your geospatial data.

Our Silver and GeoDrinks Sponsor



GeoPlace is a partnership that's owned equally by Local Government Association and OS. We're responsible for working closely with local authorities and national data providers to collate, manage and maintain the UK's authoritative address and street data.

Come and talk to us about:

- **UPRNs & USRNs** - the national standard for identifying every addressable location and street in Great Britain
- **Local Government's Best Kept Secret** - address and street data: quietly powering smarter decisions, more efficient services and supporting local communities
- **Street works that keep traffic moving** - using street data to support authorities to cut disruption and coordinate infrastructure delivery
- **Street naming & numbering** – find out more about our lively community providing support and best practice to SNN officers.

And hear our Local Authority Liaison Manager, Hannah Brooks, discuss Policy principles to support the effective use of address data.

Joining the AGI

By joining the AGI today you will surround yourself with like-minded professionals, passionate about the development of the GI and Geospatial world.

The AGI has three key pillars of activity:

- Nurturing and connecting active GI communities
- Supporting career and skills development for GI professionals
- Providing thought leadership to inspire future generations

Our national groups present opportunities to connect with others in your location and our online member directory provides direct contact and communication with your peers both locally and nationally. You can of course join all national groups should you wish. Scotland, Northern Ireland and Cymru offer an annual programme of events and activities over and above the very successful AGI Annual Conference, GeoCom all of which are available to you as a member at a discounted price*.

So, wherever you are located you can tap into relevant community resources as well as the most up to date national and international developments.

Join our network of over 2,700 GI professionals; together, we will inform, influence and act as a united voice for the UK's geospatial industry.

We actively encourage start-ups and scaling businesses to be part of our thriving community, helping you to build your network and raise your profile. If you are an early stage company we offer a generous 75% discount on your Associate membership. Your company must be less than 2 years old and employ less than 5 staff. Please contact us directly on info@agi.org.uk for further information.

<https://www.agi.org.uk/membership-levels/>

AGI Foresight Conference 2025

The Association for Geographic Information (AGI) invites you to the major event in the UK's geospatial calendar: ***The AGI Foresight Conference 2025***.

This one-day conference marks the culmination of a 12-month strategic foresight project exploring the key opportunities and challenges facing the geospatial sector into 2030. It will bring together senior voices from government, global tech, and industry to shape the future of location intelligence and spatial policy.

The event marks the launch of the AGI Foresight 2030 Report, based on an extensive survey and interviews with stakeholders across public sector, academia, and commerce. The report identifies cross-cutting themes including but not limited to Collaboration, Artificial Intelligence, Digital Twins, Earth Systems, and Data—all of which have direct implications for public service delivery, infrastructure planning, and environmental policy.

AGI is proud to confirm Ed Parsons, Google's first Geospatial Technologist, as keynote speaker. He will be joined by representatives from Amazon Web Services, AtkinsRéalis, Idox Geospatial, and 1Spatial, with further contributions expected from government departments, international agencies, and research institutions.

"We are really excited at the calibre of speakers already confirmed and those we hope to announce soon," said Peter ter Haar, Co-Chair of AGI. *"We're also extremely grateful to the geospatial community for its support throughout this project."*

With early bird discounts available for AGI members, students, and public sector professionals, the event is expected to sell out quickly. Non-members receive a year's free AGI membership with every booking.

Register now at www.agi.org.uk/foresight-conference

AGI thanks its sponsors: Cadcorp, CGI, Esri UK, GIS Jobs, Idox Geospatial, MGISS, Ordnance Survey, Ordnance Survey Northern Ireland, and Verisk, and acknowledges the support of the Royal Geographical Society (with IBG).