

27 February 2024

AGI Scotland Annual
Conference
www.agi.org.uk/agi-scotland

Valuing what we have
**Maximising the use
of data and technology**



EVENT PROGRAMME

Start & End	Speaker	Title
8:45 – 9:30	Registration and Networking	
9:30 – 9:35	Bruce Gittings (Chair - AGI Scotland)	Welcome
Session 1 – Chair: Dominic Cuthbert		
9:35 – 10.00 (Keynote)	Steven Ramage (Executive Officer - Committee on Earth Observation Satellites (CEOS))	Best Way to Maximise Data and Technology: People
10.00 – 10.20	Donya Davidson Natural Capital Manager - NatureScot	Developing a Landscape Scale Natural Capital Tool for Scotland
10.20 – 10.40	Rob Dunfey (Geomatics Manager and Global Geospatial Coordinator - Shell)	Powering Progress with Geospatial
10.40 – 11.00	Introducing our Sponsors	
11:00 – 11:25	Coffee and Networking	
Session 2 – Chair: Ashley Stewart		
11.25 – 11.45 (Online)	Sruthy Kunnel (Infinite Analytics Pvt. Ltd)	Database Management of POI Data: Comparative Insights from Multiple Data Sources
11:45 – 12.05	Zoe Russell (Co-founder Rethink Carbon)	Building a Climate tech start-up with open data
12.05 – 12.25	Arun Gopinath (Vahanomy Ltd)	Location Data in Risk Analysis for EVCI
12.25 – 12:45	Richard Harris Intelligent Reality	Everything, Everywhere all at Once: Unifying Data for Geospatial Analysis, Forecasting and Visualisation
12.45 – 13.05	David Eagle (Director of Service Delivery, Tensing)	Maximising the use of Data and Technology for Climate Resilience: Strategies for a Sustainable Future in Scotland
13.05 – 13:50	Lunch	

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Start & End	Speaker	Title
Session 3 – Chair: Gillian Dick		
13.50 – 14.10	Jo Cook (Data Discoverability Lead, Astun Technology)	Standing on the shoulders of giants- not reinventing the wheel
14.10 – 14.30	Mike Kerr (Head of Geo-Information Services – Scottish Forestry)	Enabling a mobile workforce with a geospatial capability
14.30 – 14.50	Tom Timms (Sales Director - Verisk)	How do you age every building in Scotland and why is it important?
14.50 – 15.10	Rionagh Moggach & Chris Fleet (Zulu Ecosystems / National Library of Scotland)	Machine learning and public collaboration: locating Scotland's historic woodlands
15.10 – 15.30	Alex Wilde Shaping Places for Wellbeing	Identifying inequalities to impact on decision-making and improve the wellbeing of a place?
15.30 – 15.50	Coffee and Networking	
Session 4 – Chair: Mark McLauchlan		
15.50 – 16.15	Charles Kennelly (Group Chief Technology Officer - ESRI UK)	Spatial Data Ethics
16.15 – 17.00	Panel Session	Making Geospatial Skills Open to All <ul style="list-style-type: none">• Ashley Stewart (Location Data Scotland)• Nikki Smith (British Geological Survey)• Jenni Doonan (Fife College)• Alan Corbett (Scottish Government)
17.00	Event close	
From 17.00	GeoDrinks	

AGI Scotland Annual Conference 2024

Sponsors and Exhibitors

Please get to know the exhibitors and sponsors of the AGI Scotland conference! Feel free to browse the exhibitor stands and chat to their friendly team members during the conference networking breaks.

Thank you for joining us to explore and reflect on the theme *Valuing what we have - Maximising the Use of Data and Technology!*



Bluesky International is a leading aerial survey and geographic data company producing and maintaining seamless digital aerial photography and height data on a national scale in both Great Britain and the Republic of Ireland. Bluesky also undertakes bespoke surveys, including LiDAR, for clients for a wide range of applications

Bluesky was founded in 2003 and is a privately owned company, headquartered in Ashby de la Zouch, Leicestershire, UK. We work closely with both public and private sector customers and are proud to be the UK Government's supplier of choice for aerial photography and height data through an umbrella contract which covers all public sector organisations including local authorities, emergency services, national parks and parishes.

Bluesky operates a range of aircraft and sensors including three Ultracam Eagle Mark 3s and two CityMapper 2s which allow the simultaneous collection of vertical and oblique imagery, as well as LiDAR data. These systems put Bluesky International in the enviable position of being able to provide customers with unique and cost-effective geospatial solutions.

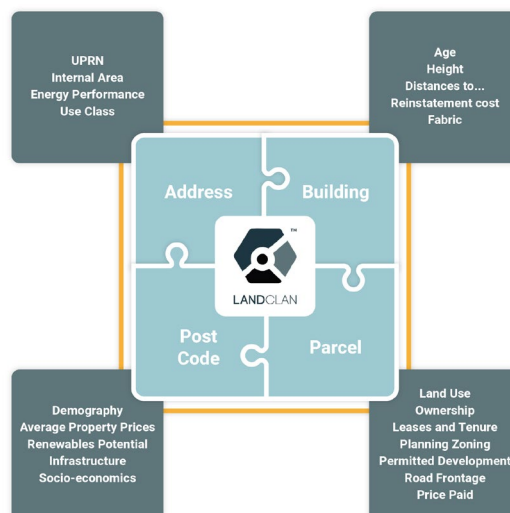
As well as being an established and respected aerial survey company Bluesky International is also highly innovative and continually strives to develop new products and services by embracing new technology and methods. This has resulted in the development of some unique products such as the National Tree Map (NTM) and the introduction of the MetroVista product range, offering 3D mesh model solutions to support digital twins and smart city concepts and applications.

These datasets underpin long term contracts with local and central government and many major blue-chip companies from various market sectors including financial services, utilities, telecoms, insurance, construction and environment. Bluesky International has offices in the UK, US, Republic of Ireland and a dedicated production centre in India.



If there is a missing piece of your data puzzle, contact LANDCLAN. If you have data but don't have the resource to use it operationally, contact LANDCLAN. Collecting, organising, joining data and the insights that spatially enriched data provides, that's the value added by LANDCLAN.

- **Better accuracy address matching.** Using the national postal address file (PAF), Pointer in NI, we use Natural Language Processing (NLP) to join addresses from:
 - National datasets that don't carry UPRN attributes
 - Address matching credits are not consumed when processing LANDCLAN's data products.
 - Customer datasets that don't align with PAF, and can't be joined to other business data spatially or by non-spatial database lookups.
 - CRM
 - Asset management
 - Lending
 - Insurance
 - Address matching credits are consumed when bulk cleansing a customer's existing database, and per-address when a customer plugs in our address geocoder into their business systems.
- **Superfast search and ranking using multi-criteria analysis.** Any non-technical user can enter simple search criteria and weighting to score every parcel in their search area. Our app lets the user view a list of parcel ID and a set of pins on the map before deciding if they want to click on the parcel and find out more detail.
 - Search credits are consumed when the user clicks on the parcel, and not on every parcel in the search area.
- **Automated portfolio feature extraction and validation (England and Wales).** Based on the user's corporate name LANDCLAN looks up all registered land and then extracts the postcode footprints and address points into a dataset.
- ESG value built into decision-making.
- Reduce waste in data management and system compatibility.





Idox for Geospatial Advantage

Idox is one of the UK's leading software providers, known for building systems with the power to not just inform, but transform. Geospatial data is often at the heart of this transformation, and that's why it's one of the pillars of our business.

From geospatial software to datasets and services, our strength is in delivering a clear understanding of the risks and opportunities that underpin exceptional decision-making – across every sector.

We've brought together Emapsite, thinkWhere and LandHawk – three of the sector's most successful, innovative and transformative geospatial companies to create effective geospatial solutions that empower and enhance the operations of our customers.

We're proud to play a leading role within the geospatial sector, and to foster opportunities that contribute to the public good. Identifying common goals, creating partnerships, helping people to achieve more productive, sustainable outcomes for organisations that depend on exceptional decision-making.

Let's talk about working together.

We're Gold sponsors of the AGI Scotland Annual Conference because we'd love to start a conversation. Talk to us about your market, your challenges and opportunities. We're here to listen and to offer advice, support and geospatial solutions that will make a valuable difference to your organisation.



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 local and central government organisations across the world, to help them sustainably improve the lives of citizens, realise the potential of their communities and protect and nurture the environment for future generations. 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 visit our website at esriuk.com or contact us at info@esriuk.com.



Our electricity distribution network delivers power to over 3.9 million homes and businesses across the diverse and unique geographies of the north of Scotland and central southern England.

Our journey to net zero is well underway. Our Distribution System Operation (DSO) capability takes advantage of all available technologies to optimise our existing network; maximise the opportunity from flexibility contracts and connections; and leverage whole system opportunities before investing in new network. We are also working with local authorities, and the communities they represent, to understand their net zero aspirations and factor those into our network development plans.

We are fully committed to a fair transition that leaves nobody behind. The net zero future offers considerable opportunities but also the risk that new forms of unfairness will be embedded into the system. With the right data, forecasting, regulations, skills and investment, we can ensure a transition that is smart and fair.



Verisk 3D Visual Intelligence is a leading UK data supplier, harnessing mapping and data analytics to provide land and property insights to industries, including insurance, emergency services, government, utilities, telecom network operators, finance, and real estate.

Our national database of detailed property characteristics and land-use delivers insight into property and land, providing you with the tools to gain detailed information about individual houses and buildings, analyse large areas, or understand the use and characteristics of a specific area of interest. Reliable insight on property and land-use can streamline the decision-making process. For example, for companies assessing the value or risk associated with a building or delivering a service, having access to accurate geospatial data can enable them to identify business opportunities while understanding land use simplifies project and development planning. Get in touch to discover how Land-Use and Property insights can improve your decision-making processes – improving efficiency and saving costs.



Geovation Scotland is the only organisation specifically designed to support early-stage startups innovating in land, property, and location technology in Scotland. We are proud to support some of Scotland's most exciting and innovative technology startups in the land location and property sectors. This year we are also sponsoring a category at this year's Geospatial Awards. Come and speak to us to find out more or [check out our website](#).



Informed Solutions

Harnessing AI and Geospatial Technology to Reach “30 by 30”

“30 by 30” is a commitment to protect or conserve at least 30% of the planet’s land and oceans by 2030. Scotland was one of the first countries to make the commitment. NatureScot, as Scotland’s Nature agency, is on the front-line of delivering the target, with responsibility for safeguarding millions of hectares of land and sea, preserving sensitive areas and biodiversity. It set a CivTech

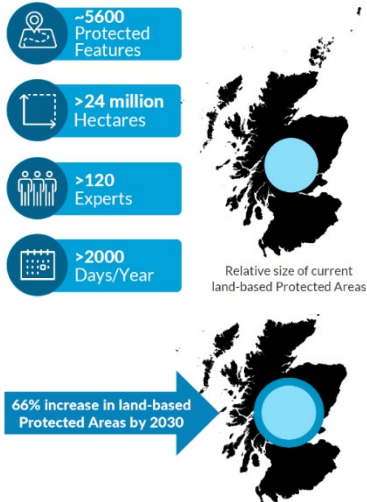
Challenge, calling on digital innovators to help better understand and manage protected areas. Experts in geographic information systems (GIS), data science, and AI from Informed Solutions are partnering with NatureScot’s marine and terrestrial ecosystem experts to develop a revolutionary environmental asset monitoring and management solution based on InformedINSIGHT© - an open standards-based data integration and analytics platform, which allows organisations to turn data science into real world decision support.

The platform brings key capabilities to the NatureScot team:

- It will integrate and make sense of the ever-growing range of data available to NatureScot, including satellite imagery, citizen science, and new survey techniques such as eDNA. It will combine this with Machine Learning and Natural Language Processing techniques to unlock valuable information held in hundreds of thousands of historical documents.
- It will unify and enable analysis of these, often disparate, data sources to categorise areas, identifying potential risks through the use of artificial intelligence.
- It will support scientists in evaluating the condition of different areas, providing a shared view of status that underpins collaboration between staff and stakeholders to develop mitigation plans.

The innovations developed here will have wide-reaching impact, presenting incredible opportunities to other organisations that could benefit from ingestion and unification of rapidly emerging data sources to inform faster, more efficient decision-making around land, marine, and other environmental assets.

www.informed.com



tensing

Tensing specialises in providing specific knowledge and services around data integration, location information and Geographic Information Systems. Our consultants use the most distinctive and innovative technology platforms available in this field.

Tensing is part of the Avineon group of spatial intelligence experts, with offices in Europe, North America, and Asia. With over 30 years of geospatial data management experience providing services and solutions in data integration, data quality, data interoperability, data analytics, data usage and data visualisation.

As Safe Software partners and Value Added Resellers of FME, we’re specialists in the FME Platform, supplying licences and technical support. In addition with 80+ FME Certified consultants in Europe we’re also focused on supporting our customer’s learning journey through accredited FME training, as well as project and consultancy support.

At Tensing we’re your trusted advisor and guide, to help you achieve spatial intelligence!



The Data Lab is Scotland’s Innovation Centre for Data and AI. We are a not-for-profit organisation, funded by the Scottish Funding Council and hosted by the University of Edinburgh.

Our ambition is to facilitate understanding across all sectors of the Scottish economy as to how data can be used for the betterment of society – government, environment, people and business.

We can support individuals and organisations not only to gain a better understanding of the data opportunity but to embrace it. We are also a central part of the Scottish tech ecosystem and work to bring stakeholders from the public, private and third sectors together to collaborate and innovate.

The Data Lab Community has over 4.5K members and is a resource that you can use to network, learn and develop your career in and understanding of the data landscape. It is also a space that organisations can use to raise awareness of the exciting things they are doing with data and to make meaningful business connections. The jobs board is available to premium members and partners to post their relevant vacancies for data and AI roles. It’s free to join:

<https://community.thedatalab.com>

