

GeoCom 2024

Connecting Communities - *the Geospatial Perspective*

Conference Brochure

THURSDAY
28 NOVEMBER



THE ASSOCIATION
FOR GEOGRAPHIC
INFORMATION



Royal Geographical Society - IBG, London SW7 2AR

Connecting Communities - the Geospatial Perspective

Thursday 28 November 2024

08:45	Registration and Refreshments
09:20	Welcome - Fergus Craig, AGI Co-Chair
09:30	Session 1: Connecting Places and Communities
Keynote	<p>Alexandra Notay, Geospatial Commission and Radix Big Tent Housing Commission <i>Connecting Places and Housing / Planning</i></p> <p>Stewart Pert, Ogi Broadband and Natalie Stevens, Idox Geospatial <i>Geospatial for Reaching Rural Communities</i></p> <p>Professor Andrew Tatem, WorldPop <i>Small Area Population Estimation and Mapping</i></p>
10:40	Refreshments and Networking
11:10	Session 2: Connecting Communities with Service
	<p>Mark Wells, Esri UK <i>GIS - The Potential of Connected Digital Twins to Revolutionise Community</i></p> <p>Dr Egbe Manners, Ordnance Survey <i>The OS Emergency Services Gazetteer: the Power of Location to Help Save Lives</i></p> <p>James Daniel, UK Power Networks Alanna Gluck, Dr Elliot Christou and Holly Hensler, Connected Places Catapult <i>From Demonstrator to Decision Optimiser: How CReDo is Addressing Cross-Sector Data Sharing</i></p>
12:30	Lunch and Networking
12:35-13:30	Networking Session with the AGI Early Careers Network - Map Room
13:35	Session 3: Geospatial to Empower Connections
	<p>Laurence Oakes-Ash, City Science <i>Geotemporal Insights, Benchmarking and Geospatial Statistics to Understand Communities</i></p> <p>Jade Saunders, World Forest ID <i>Connecting retail brands to supply base impact data</i></p> <p>Asher Kessler, London School of Economics <i>Dreams of connections – collapsing space from the 1990s to the present</i></p> <p>Professor Flora Samuel, Public Maps Project <i>The Public Map Platform: Steps Towards an Inclusive, Transparent, Map-Based Planning System</i></p>
15:10	Refreshments and Networking
15:50	Session 4: Connecting through Maps
Keynote	<p>Dr Ken Field – Author and Professional Cartonerd <i>Trust, Ethics, Politics... and Maps</i></p> <p>Fireside chat with Dr Ken Field and Denise McKenzie</p> <p>Peter ter Haar, AGI Co-Chair <i>Connecting the AGI community in 2025+</i></p>
17:00 - Late	GeoDrinks Head to the basement bar at Hoop and Toy, SW7 2HQ

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Royal Geographic Society with IBG, London, SW7 2AR

KEYNOTE SPEAKERS



Alexandra Notay, Independent Commissioner - Geospatial Commission

Alexandra Notay is an internationally recognised expert on housing, placemaking and ESG. She has 20 years' strategic advisory and investment experience having worked extensively across four continents. In August 2024 Alex took over the chair of the Radix Big Tent Housing Commission from Dame Kate Barker.

Until July 2024 she was Placemaking and Investment Director at Thriving Investments (formerly PFP Capital), the fund and asset management arm of Places for People Group, overseeing a UK-wide residential strategy. Achievements include a £390mn JV with Housing Growth Partnership and the successful acquisition of award-winning sustainable developer igloo Regeneration, on whose Board she served.

In October 2023 Alex won Residential Leader of the Year at the inaugural Property Week awards for Inspiring Women in Property. In January 2019 she was selected by BISNOW as one of 48 women shaping the future of UK real estate.

Alex is a published author and editor of over 30 books and reports on real estate including the renowned ULI UK Best Practice Guide on Build to Rent (2014, 2016). Alex is Chair of the British Property Federation (BPF) working group on residential ESG, former Vice-Chair of the ULI UK Residential Council and currently serves on BPF's Build to Rent and Sustainability Committees and AREF's ESG / Impact Investing Committee.

She is also an experienced government advisor, serving on two Ministerial Steering Boards at MHCLG for Digital Planning and PropTech and at DSIT as an Independent Commissioner on the UK government's Geospatial Commission where she chairs the Property workstream and the National Land Use Data Programme. She has also served five years as Co-Chair of the Creative Land Trust and is a Trustee of St Mary Redcliffe.

With a reputation for being 'abnormally energetic', Alex is passionate about enabling tangible social impact through innovation and collaboration as well as mentoring the next generation of diverse talent. Alex holds a BA in International Relations from the University of Sussex and a Master's Diploma in Strategy and Innovation from University of Oxford Saïd Business School.



Dr Ken Field, Sr Principal Cartographic Product Engineer

Maps are Ken's passion, and profession. After 20 years teaching cartography and GIS in academia in the UK he moved to California where, for the last 13 years, he has made maps, and talked and written about cartography at Esri.

Ken blogs (cartoblogography.com), comments on X, and Bluesky (@kennethfield), shares maps, videos, code, and how-tos at his [Mappy Hour site](#), after 8 years as Chair is now Vice-Chair of the ICA Map Design Commission, and did a 9 year stint as Editor of The Cartographic Journal.

He's won a few awards for maps, pedagogy, kitchen tile designs and his books 'Cartography.' and 'Thematic Mapping'. He teaches a MOOC on Cartography which has had nearly 220,000 participants to date, and is co-founder of the popular mappery.org site.

Ken snowboards (reasonably), plays drums (badly), is a lifelong supporter of his home-town Premier League football team Nottingham Forest, and has a tattoo of his favourite map on his arm.

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SPEAKERS



Jade Saunders, Executive Director - World Forest ID

Jade Saunders is the Executive Director of World Forest ID with particular emphasis on building the organization's analytical, scientific and legal capacity. Under her leadership, organizational funding has more than doubled as a result of rapid donor diversification and a growing range of dynamic and quantifiable real world impacts.

Jade is also a 2024 Mulago Fellow, awarded to ambitious non-profit leaders with scalable solutions to big climate and conservation problems. This fellowship celebrates Jade's dedication and expertise in driving impactful change through the application of scientific methods to protect forests. It will empower her to enhance the organization's capacity in ensuring accountability within forest-connected supply chains.



Mark Wells, CTO - Esri UK

Responsible for directing the technical strategy and implementation of Esri UK technology, Mark focusses on developing new solutions to make GIS even more accessible and easier to use, through SaaS (software as a service) and the continuing development of AI and machine learning to automate geospatial workflows and simplify how applications are built.

Mark is passionate about broadening the relevance of GIS to new user communities including Data Scientists and developing further enterprise capabilities for large-scale GIS with new approaches such as Kubernetes.

Joining Esri UK almost 20 years ago, prior to becoming Esri UK's CTO, Mark held numerous technical leadership roles including pre-sales, technical research and professional services.



Professor Flora Samuel, Professor of Architecture - University of Cambridge

Flora Samuel is the Professor of Architecture at the Department of Architecture in the University of Cambridge and the Leader of the Public Map Platform (www.publicmap.org). Her research specialism is in inclusive planning, the topic of her most recent book *Housing for Hope and Wellbeing* (2023).



Asher Kessler, PhD Researcher - London School of Economics

Asher is a PhD Researcher at the London School of Economics who is writing an intellectual history of Silicon Valley. His research focuses specifically upon Facebook/Meta, examining how high-level actors in and around the company came to think and speak about time, space, and their ability to change the world around them.

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SPEAKERS



Dr Egbe Manners, Product Manager - Ordnance Survey

As a Product Manager, Dr. Egbe Manners leads a cross-functional team in developing innovative propositions for critical sectors like National Security & Resilience and Health. These solutions provide emergency responders with the data they need to act quickly and effectively, also enabling the translation of location data into actionable insights. The creation of the OS Emergency Services Gazetteer, a comprehensive database that will equip the emergency responders with the data they need to act swiftly and decisively, saving lives and property.

With over 20 years of experience in geospatial, Egbe has witnessed the transformative power of location intelligence. She also helps to raise the profile of geospatial information across the emergency services community (alongside Relationship Managers and Technical Consultants colleagues) by facilitating regional emergency services geospatial working groups.

Join Egbe as she shares how the OS Emergency Services Gazetteer will help shape a more resilient Britain, one data at a time. Be inspired by the power of geospatial data to save lives, strengthen communities, and build a safer future for all.



Professor Andy Tatem, Director - WorldPop

Andy Tatem is Professor of Spatial Demography and Epidemiology at the University of Southampton and is the Director of WorldPop (www.worldpop.org), leading a group of 40 researchers and data scientists.

He is interested in how populations, their characteristics and their dynamics can be mapped at high resolution across low and middle-income countries. His research has led to pioneering approaches to the use and integration of satellite, survey, cell phone and census data to map the distributions and movement patterns of vulnerable populations for disease, disaster and development applications.

Andy runs international collaborations with national governments, UN agencies and data providers, and leads multiple research and operational projects funded by the Bill and Melinda Gates Foundation, Wellcome Trust, World Bank, GAVI, Children's Investment Fund Foundation and others.



Climate Resilience Demonstrator (CReDo)

In this session, you will learn how the Climate Resilience Demonstrator (CReDo) is developing to address real-world cross-sector data challenges to build resilience in critical national infrastructure systems against extreme weather challenges.

We are delighted to announce speakers in this session will be Dr. Elliot Christou, Alanna Gluck, Holly Hensler and James Daniel

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Building Resilient Communities with Connected Digital Twins

At Esri, we believe in the transformative power of technology and data to drive positive change across society and the environment. We are therefore committed to forging technological advancements that will shape the future of our rapidly changing world.

We believe that GIS offers a powerful framework for creating digital twins that can help communities address pressing challenges like climate change, economic decline, and inequality. By connecting these digital twins, organisations can gain deeper insights, improve decision-making, and foster collaboration.

Local resilience forums and smart city initiatives are just some of the examples we are seeing of how communities can work together to build resilience. GIS plays a crucial role in these efforts by enabling data sharing, visualisation, and analysis.

Digital twins provide a virtual representation of real-world systems, allowing for better understanding and management. When connected, as GIS allows, these twins can offer valuable insights and support for decision-making.

Esri's ArcGIS is being used to address various community needs, from energy efficiency to transportation planning. We are committed to supporting these efforts through initiatives like free software for schools and discounts for non-profits, as well as disaster response programs.

By leveraging GIS and digital twins, and moving towards connected digital twins, we believe that communities can create a more sustainable, equitable, and resilient future.

To find out more, come to AGI GeoCom and hear from Mark Wells, Esri UK's CTO in a keynote presentation – and visit our stand in the GeoCom exhibition. Also, [visit Digital Twin](#)

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Cadence by City Science: Insight made easy

Get value from your data faster with insight made easy

Cadence combines cutting-edge GIS technology with a unique and intuitive user experience to deliver value from data faster. Cadence helps you quickly find the data you need, visualise it effortlessly and share your analysis and insights.

Core data, professional maps and specialist analytics ready-to-go

With self-service capabilities and distributed workflows, Cadence modernises traditional GIS approaches, equipping all your teams with the data, visualisations and analytics they need for success. Benefit from specialist, ready-to-go DataPacks and tools, designed specifically to serve key applications within your industry.

Share insights quickly and easily

Built for collaboration, Cadence's cloud-native technology enables quick and easy publication to the web, allowing you to craft compelling data narratives and bring your insights to life. Choose from a series of publishing options including Stories, DataBanks or APIs and Dashboards.

Trusted as the core data engine for cities and regions

As a trusted core data engine for cities and regions, Cadence empowers you to unlock the full potential of your data, driving informed decision-making to deliver positive change. Use Cadence to democratise data to empower people and teams to quickly move from insight to impact. With data you can trust, rest-assured that better decisions start here.

Proven partnerships to streamline and simplify data and analytical needs

Our dedicated managed service and digital consulting team stands ready with extensive support, training and expertise, offering proven partnerships to accelerate your data ambitions. With extensive experience delivering managed data portals and bespoke analytical applications, our Cadence Managed Service offers the ideal option for automating complex data processes.

Start mapping for free today with no commitment

Experience the power of Cadence today with our free, no-commitment starter option.

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Idox Geospatial is a leader in location insight. Finding value, solving problems, and helping businesses to understand more about risks and opportunities, every day.

Part of Idox plc, one of the UK's largest and most influential software companies, Idox Geospatial brings together a range of specialist geospatial companies and brands, all of which have a longstanding track-record within the geospatial field and are known for driving innovation and delivering trusted, valued services. Together, our insights can transform any organisation, enhance decision-making at the highest levels, and deliver true strategic advantage.

The world is changing, rapidly. As we're developing new datasets, techniques and technologies, we're extending our reach into new sectors and reaching deeper into existing supply chains. Our products and services provide access to transformative insights, effortless asset and project management, and much smarter ways of working. But we also have a reputation for taking on board the needs of people as well as the priorities of a business - creating geospatially-oriented solutions that can empower and enhance operations in the real world.

Our vision focuses on building more sustainable ways of working for the future, and because we're aware of the shifting business and regulatory landscape, you can be sure reliability, licensing, compliance, and compatibility are included as standard, today. Ultimately, there's so much more that organisations can achieve with great location insight.

From the software we build to the datasets we provide, via consultancy or through enterprise-class platform deployments - we're proud to be shaping organisational, commercial and strategic transformation in every sector.

Together, we drive change.

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At ARKANCE our GIS team are experts in Geospatial Solutions with 25+ years' experience in developing web mapping, CAD and GIS applications. As an Autodesk Global Platinum Partner, ARKANCE is also ideally placed to help integrate CAD and GIS and advise clients in their BIM for Infrastructure journey. Our range of Geospatial Solutions include a high powered webGIS, an online Reporting application, a GML Translator, Address & Street Management and a Street Naming & Numbering application.

Delivering GIS Services

ARKANCE GIS services specialise in utilising our own DynamicMaps solutions alongside Open-Source GIS to manage client spatial data and integrate geographical information into corporate systems.

Software Implementation & Ongoing Support

We are on hand to support your organisation's move from proprietary GIS to Open-Source GIS. The cost benefits of "free" software, like QGIS, Geoserver and PostGIS, are obvious. We recognise your biggest concerns of how to implement these systems effectively and receive the ongoing support to ensure your business-critical information stays live and accessible.

GIS Integration Services

Our broad experience across BIM, CAD, Gazetteer Management, Desktop GIS, Intranet, and Internet webGIS, makes us best placed to understand your needs to seamlessly integrate these often-disparate systems. We will help you realise the business benefits of bringing your location information into your BIM environment and then link this data to your CRM or ERP systems.

GML Translation

We use our own GML Translator tool to process your native Ordnance Survey MasterMap and VML files and save these into a spatial database, so the rendered images can be accessed anywhere within your business.

Data Migration

Making your data work for your business means making it accessible. We can help you move your proprietary GIS data into a central spatial repository, whether that is PostGIS, SQL or Oracle, so that your spatial data is available to whomever you want to provide access.



Avineon | Tensing: Your Data Sherpa for Geospatial

In the ever-evolving landscape of geospatial technology and data formats, Avineon | Tensing aims to be your data Sherpa. We specialise in guiding organisations to navigate the complexities of geospatial data management, using the best software tools and approaches. Our support spans the lifecycle of your geospatial projects, from initial concept to ongoing maintenance, ensuring you navigate the terrain of geographical information with confidence while enhancing your team's skillset along the journey.

As a Safe Software Value-Added Reseller (VAR) Partner, we provide comprehensive support for FME Platform solutions. This includes developing tailored FME Platform deployment solutions to fit with your data and infrastructure and offering flexible, interactive training from certified experts. We're able to guide you in implementing Extraction, Transformation and Load (ETL) processes with FME Form and Flow for no-code geospatial data ETL.

Backed by our teams in the UK and the Netherlands we provide comprehensive consultancy services for Esri Utility Network (UN) migration and VertiGIS deployments. Our services also include:

- No-code/Low-code solutions for data integration, analysis, and visualisation
- Application of Generative AI (GenAI) to data cleanup/augmentation workflows
- Developing data pipelines across on-premise, hybrid, and cloud infrastructure
- Adoption of Cloud Native Data Formats for optimal data storage and delivery

We focus on collaboration, aiming to become your trusted advisor who understands your needs. Our certified FME and Esri specialists openly share knowledge, helping you manage complex geospatial workflows and GIS systems.

Our aim is to futureproof your geospatial data management by providing ongoing support for new data formats, services and standards. Helping you to build solutions that scale as your needs evolve, meeting user demands and getting your data to work for you rather than against you.

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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 the APGB 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, a Leica TerrainMapper 2 and two Leica 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), the new National Hedgerow Map™ (NHM) and 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 centres in India.



In today's complex economic and technological landscape, organizations are under increasing pressure to deliver more with less. UK organisation are no exception, needing to serve a diverse public while managing constrained resources. CGI's enterprise geospatial services offer innovative solutions to these challenges, enhancing citizen experience, improving operational agility, and driving efficiency through automation and analytics.

With over 30 years of experience, CGI is a trusted global leader in delivering geospatial services. Our Geospatial Centres of Excellence operate in 13 countries and 4 continents, with a dedicated team of experts delivering major projects across the public sector. We collaborate with leading geospatial solution providers to ensure world-class results.

CGI's unique approach combines cutting-edge geospatial intelligence (Geospatial 2.0) with emerging technologies, enabling government organizations to integrate geospatial data directly into business applications. This integration supports critical decision-making, helping departments move from reactive to proactive service delivery.

Key Services for UK Government:

- Development and integration of geospatial systems into business applications
- Enterprise strategy leveraging geospatial data for enhanced decision-making
- Geospatial business intelligence for improved policy development and delivery
- Modernization and evolution of Geographic Information Systems (GIS)
- Earth observation and environmental risk monitoring for strategic planning

Our GeoData360 platform, designed for large-scale production pipelines, delivers Earth observation and geospatial data to support business applications at scale. It offers cost-efficient, customizable workflows that generate valuable insights for the UK Government to better serve citizens.

Let CGI's geospatial services empower your digital transformation, enhancing government services and delivering operational excellence for the future.

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Welcome to GIS-Jobs.co.uk – The Ultimate Hub for UK GIS Careers!

Your Gateway to a World of GIS Opportunities!

For over a decade, GIS-Jobs.co.uk has proudly stood as the UK's top platform for connecting talented individuals with exciting GIS opportunities. Whether you're an experienced professional seeking new challenges or a fresh graduate ready to dive into the GIS world, we've got you covered!

Why Choose GIS-Jobs.co.uk?

- Extensive Network: Connection is our superpower! We partner with top employers to help them find the perfect candidates, and to help you land your dream job.
- Resource-Rich Platform: Access a wealth of opportunities and insights that empower you to make informed career decisions.
- Committed to Excellence: Our dedication to the GIS industry keeps us at the cutting edge of technological trends.

Whether you're advancing your GIS career or seeking exceptional talent, GIS-Jobs.co.uk is your go-to partner. Join our community today to tap into dedicated GIS expertise, unparalleled networking opportunities, and a platform designed for your success.



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Verisk is a leading strategic data analytics and technology partner to the global insurance industry. Our work helps business, people, and communities become stronger, more resilient, and sustainable.

In UK, Verisk is also a leading data supplier, harnessing mapping and data analytics to provide land and property insights to industries, including insurance, 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 those delivering a service, having access to accurate geospatial property data can enable them to identify business opportunities or challenges. At a smaller scale, understanding land use over a wide area simplifies project and development planning.

Verisk are delighted to continue to support AGI at GeoCom 2024 and look forward to engaging with the geo community at the event. Visit the Verisk team to discover how Land-Use and Property insights can improve your decision-making processes – increasing efficiency and saving costs.

www.verisk.com/en-gb/solutions/land-buildings-data
landandbuildingsdata@verisk.com

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Landmark
Information Group

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Landmark Information Group is the UK's largest provider of property and land data, offering comprehensive services across the entire property and land value chain. With industry-leading datasets, advanced digital mapping platforms, and cutting-edge technology, we simplify property transactions and minimise risks for all stakeholders.

Our geospatial business units—Landmark Solutions, Landmark Geodata, and PointX—bring unparalleled expertise to the market. Landmark Geodata delivers data, products, and consulting services to major property, real estate, and utility organizations across Great Britain. With over 25 years of experience, Landmark Geodata supports diverse data needs through platforms like Envirocheck and Promap. Landmark Solutions specialises in complex data solutions and managed services, supporting critical geospatial and infrastructure projects across the UK. We design, build, and manage end-to-end geospatial services that help both public and private sector organizations address operational and strategic challenges.

Landmark Solutions is structured around four pillars of excellence.



DATA MANAGED SERVICES

Hosting and managing data to deliver services and analysis



TECHNOLOGY

Designing, building and operating technical solutions to solve complex data management problems



GEOSPATIAL SERVICES

Providing interactive layered map services for governments, organisations and individuals



BUSINESS INTELLIGENCE

Using AI, ML and data science to solve global business problems

Our Managed Services simplify access to data and geospatial services, offering a flexible, scalable approach tailored to clients' evolving needs. We combine our technology expertise with a consultative approach to deliver platforms that exceed client requirements.

We specialise in Geospatial Services, GIS, and Geospatial Data Sciences. Our collaborative approach helps bring clients' solutions to life by embracing new and emerging technologies to address future challenges.

Landmark also provides Business Intelligence solutions with an API-first approach, enabling dynamic data consumption and integrating with other software providers. By leveraging AI, NLP, and Blockchain technologies, we aim to reduce risk and administrative burdens for our clients.

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Spatial insight

Cadcorp helps organisations derive meaningful and actionable intelligence from data. We do this with an extensive range of GIS software, spatial data and consultancy services designed to better inform decision-making. With our technical knowledge and expertise, we know how to support our customers in realising the benefits of location information.

A Geographic Information System (GIS) allows Housing Associations to combine business data with location to improve land, asset, and grounds maintenance management. Affiliated with GIS is web mapping, an interactive website for sharing enriched, map-based intelligence across the organisation and with stakeholders. By integrating data with maps, housing providers can identify where development opportunities, sustainability, and social value can be improved.

If you require GIS software, spatial data, or services, Cadcorp can help.

Cadcorp offers an integrated family of geospatial software - Cadcorp SIS. This comprises desktop, server, web, and mobile products and has been designed for use in all phases of spatial data management.

Housing Associations and land and property organisations are realising the benefits of Cadcorp SIS for all stages of asset management and maintenance. Examples include providing accurate measurements of areas to be maintained for grounds maintenance negotiations, ensuring stock performance sustainability, and meeting environmental, social, and corporate governance (ESG) goals.

Cadcorp partners with data suppliers to license a wide range of spatial data. We are an Ordnance Survey® Premium Partner with almost 30 years of experience working with OS® data. Data supplied by Cadcorp incorporates all OS products, including OS MasterMap®. Data can be provided in popular GIS formats and as cloud hosted web services.

Cadcorp services are designed to guide and support the organisation's geospatial strategy. These can range from spatial data updates to cloud hosted managed services, from quality assurance to managing the GIS and web mapping software.

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Dalcour Maclaren (DM) provide utility and infrastructure clients with unrivalled expertise to meet their goals. DM's advisory services span geomatics, environmental planning, surveying and property management to support the entire project lifecycle. The DM team consists of over 500 specialists across a national network of 18 offices.

DM's geomatics services empower clients to unlock value from their assets through location intelligence and geospatial technology expertise. Supported by an experienced team, a common data environment approach, and cutting-edge technology, DM enhance the efficiency and effectiveness of asset management, planning, access, development, consenting, and site remediation. These efforts are guided by data-driven decision-making and a unified perspective, facilitated by our common data environments and infrastructure.

We are committed to delivering geomatics services that provide strategic insights and actionable intelligence.

The right data for the right purpose

We capture, collect and analyse the right data for the right purpose. This increases accuracy, ensures more effective outcomes and responds to sustainability needs. We work closely with our clients to understand exactly what is needed to create the most value.

Enhanced decision-making

DM's solutions empower our clients with accurate and up-to-date information. This results in improved operational efficiency, reduced risks, and optimised resource allocation.

Regulatory compliance assurance

By integrating regulatory requirements into our services, we ensure that our clients remain compliant with local, national, and wider regulations. This minimises the risk of regulatory issues and fosters a proactive approach to compliance management.

Cost savings and resource optimisation

Through precise mapping and analysis, we help our clients identify opportunities for cost savings and resource optimisation. This includes efficient route planning, proactive maintenance strategies, and streamlined remediation.

Environmental stewardship

DM contribute to environmental stewardship by enabling our clients to identify and mitigate environmental impacts. This aligns with sustainability goals and enhances the industry's commitment to responsible practices.

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LANDCLAN is a uniquely structured dataset offering pre-assembled spatial and scalar-based joins across hundreds of datasets spanning the entirety of Great Britain. This dataset is organised around four key locations: Address, Building, HMLR Land Parcels, and Postcodes. Each location is enriched with various attributes detailing energy performance, property prices, land use, biodiversity, crime statistics, social deprivation, and intersections with open data from organisations such as DEFRA, Natural England, the Environment Agency, Historic England, and others. In total there are around 500+ attributes across all locations.

What are the primary use cases for LANDCLAN??

- Evaluate planning requirements to identify optimal locations for new development.
- Analyse the impact of policy and socio-economic trends.
- Collaboratively tackle fuel poverty and climate change.
- Oversee land access for infrastructure and utilities.

Who do we work with?

- Policymakers, local councils, and developers in housing and renewable energy
- National Grid and other utilities in water and telecommunications
- Housing associations
- Retailers
- Financial services and insurance
- Real estate advisory and consultancy firms

How do you access the data?

- A highly scalable RESTful API.
- In December, we will launch an OGC Web Feature Service to facilitate easy access to our data from any GIS platform.
- ArcGIS online Application. Our custom application can be added to your ArcGIS Online license as a premium application.
- Custom Data Builds. Our experienced data science team can validate and enrich your location data and incorporate it into our unique structure. We offer direct connectivity to load data into various data platforms or provide it as file geodatabases or CSVs.

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EARLY CAREERS NETWORK



EARLY
CAREERS
NETWORK

Join us in the Map Room for a lunchtime networking event hosted by the Early Careers Network

Are you a student or early career professional looking to expand your network and speak to leaders in the geography industry? Don't miss out on our lunchtime networking event.

The session will feature a selection of "Key Networkers" - established professionals from various geographical sectors, industries, and organisations, as well as members of the Early Careers Network committee. Our key networkers will be on hand to discuss all things careers in geography.

Key Networkers include:

- Vida Williams - Jacobs, AGI Director (GIS for Infrastructure and Team Leadership)
- Peter ter Haar - AGI Co-chair, formerly Ordnance Survey (Leadership and Innovation)
- Mark Stileman - Ordnance Survey (Foundational Data and Geospatial Value Propositions)
- Liz Scott - Satellite Applications Catapult (Earth Observation and Geospatial)
- Liz Fox-Tucker - Royal Geographical Society (with IBG) (Professional Accreditation and advocating for Geography in the Workplace)

+ more...

Royal Geographical Society - IBG

We are delighted to confirm that joining the Early Careers Network for their lunchtime networking session will be Royal Geographical Society-IBG.

RGS-IBG is the learned society and professional body for geography. The Society supports and promote geographical research, expeditions and fieldwork, education, public engagement, and geography input to policy.

Professional geography is a core component of the Society's work, offering opportunities for knowledge exchange, networks, professional development and professional recognition through the Chartered Geographer accreditation www.rgs.org.

Visit their stand and talk to the team about Chartered Geographer and other opportunities which being part of the Geography Professional Body can bring.

Thank you!

The AGI would like to thank the generosity and collaborative spirit of the Royal Geographic Society-IBG, which has helped us to run this year's conference. Being able to host our event in such an iconic and inspiring setting and having involvement from the RGS in many aspects of GeoCom is greatly appreciated by the team at the AGI and I'm sure by all the conference attendees.



Esri: GIS: Building resilient communities with connected digital twins

Initiatives across the country are bringing citizens, non-profits, local government, utilities and businesses together to improve community by developing local resilience in the face of climate change, disappearing high streets, lack of housing and disparity of opportunities. We're starting to see how local resilience forums and some smart city initiatives are an example of this kind of coordinated approach.



There is huge potential, though, to go further and faster. Many organisations both local and national are individually working towards solutions to challenges that divide communities or striving to improve services they provide to the community. Arguably that could be taken much further and achieve so much more by joining up their approaches. Where they use GIS, and many do, there is a unique opportunity to easily connect systems, share data and make combined visualisations to which complex analysis can be applied, providing unique insights and enabling real time and dynamic responses to evolving situations. In this context the GIS maps and models can, and should be, seen as digital twins and when you connect GIS systems together in this way, then they represent a very natural and intuitive model for connected digital twins – as demonstrated by last year's COP26 demonstrator built in ArcGIS Experience Builder.

Digital twins are a powerful tool for understanding, managing, and optimising real-world systems. With GIS as a foundation, organisations can create valuable digital twins that drive innovation and improve decision-making to bring communities together. By connecting digital twins it will be possible to go much further and move communities forward equitably.

As technology continues to advance, we can expect to see even more sophisticated and impactful digital twins. Esri is continuing to invest in GIS capabilities that enable the creation of comprehensive, valuable and connected digital twins. By combining reality capture, BIM integration, IoT, and other emerging technologies, ArcGIS empowers communities and the organisations that serve them to harness the full potential of digital twins and build a better world for everyone.

ArcGIS is being used to support and connect communities in myriad ways, through exploring energy usage, evaluating solar potential, improving greenspace, increasing biodiversity, optimising transport networks or enabling citizen consultation. At Esri UK we are doing our part, giving our technology free to all UK schools and at a 95% discount to non-profits nationally large and small. When disasters strike UK communities, whether a pandemic, flooding or wildfires, our Disaster Response Programme provides free software and support to responders across communities for six months or more at a time. At the same time our customers in government and across the economy are using ArcGIS to help them create the world that we all want to see.

To find out more, at AGI GeoCom, hear from Mark Wells, Esri UK's CTO in a keynote presentation – and visit our stand in the GeoCom exhibition. Also, visit [Digital Twin](#).

Cadence by City Science - Insight made easy

Geographic Information Systems (GIS) have long been a critical tool for Local Authorities, enabling them to manage and analyse spatial data for various purposes, from urban planning to emergency response. However, the traditional centralised only approach to GIS has faced significant challenges that are driving the need for change. While centralised GIS systems have served Local Authorities well in the past, they are often too complex and resource-intensive to meet the growing demands of modern organisations. These systems require dedicated teams, continuous upskilling, and significant investments, creating bottlenecks and limiting the ability to deliver value across the entire organisation. Here are some **key challenges** faced by centralised only GIS:

- 1 Bottlenecks:** With 80% of Local Authority data being geospatial, the demand for analysis across different services is exceptionally high. Centralised GIS teams, no matter how large, struggle to keep up with the sheer volume of requests, leading to delays and inefficiencies.
- 2 Skills Gap:** While GIS teams possess specialised skills, they often lack the domain-specific expertise required to address the unique analytical needs of different departments. This gap can hinder the delivery of truly operational and valuable insights.
- 3 Data Management:** Centralising data management can either lead to strict rules that restrict flexibility or relaxed controls that result in data duplication and disorganisation, making it challenging to maintain data quality and accessibility.

The Shift Towards Distributed GIS

To address these challenges, forward-looking Local Authorities are embracing a distributed approach to GIS, enabled by **cloud-native platforms**. This shift offers several **benefits**:

- 1 Centralised GIS Team Focus:** The centralised team can concentrate on core data management, training, and highly technical queries, while enabling self-service for less complex tasks.
- 2 Increased Organisational Value:** By offering self-service capabilities, the GIS team adds more value to the organisation, eliminating bottlenecks and enabling them to focus on strategic initiatives.
- 3 Upskilling and Empowerment:** Distributed services facilitate easy upskilling, raising GIS skills across the organisation and empowering teams to deliver tailored insights that drive operational value.
- 4 Data Quality and Flexibility:** Distributed solutions maintain core data quality while providing flexibility to teams or individuals, ensuring both consistency and agility.

Making the Transition Seamless

Migrating to a distributed GIS model doesn't have to be complex. Cadence by City Science can integrate with existing centralised GIS systems, geoservers, or managed data services, enabling a smooth co existence without the need for a complete system overhaul. Low-cost licensing options make it easier to adopt these solutions, and pre-built analytical tools tailored to Local Authority departments deliver immediate value to distributed teams. Additionally, cloud-native solutions minimise setup and go-live times, accelerating the transition process.

As Local Authorities continue to grapple with the challenges of centralised only GIS, the shift towards incorporating distributed models is becoming increasingly inevitable. By embracing this change, organisations can unlock the true potential of their geospatial data, foster collaboration, and drive operational excellence across all departments.



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