



United Kingdom National Report to the ICA 2019–2023

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SOCIETY REPORT



United Kingdom National Report to the ICA 2019–2023

This report provides a summary of cartographic activities within the United Kingdom of Great Britain and Northern Ireland from 2019 to 2023 and a directory of higher education courses, institutions, organizations and companies associated with cartography and the mapping industry. It is presented by the UK Cartography Committee to the 19th General Assembly of the International Cartographic Association (ICA) at the 31st International Cartographic Conference, held in Cape Town, South Africa, from 13th to 18th August 2023.

The UK National Report to the ICA 2019–2023 comprises three sections, as follows, within which all entries are listed alphabetically:

Section 1: Full Entries

Progress reports on the cartographic activities undertaken by institutions, organizations and companies in the UK, 2019–2023.

Section 2: Higher Education Courses

A directory of higher education courses in the UK in which aspects of mapping and cartography form part of the taught programme.

Section 3: Summary Entries

A directory of institutions, organizations and companies that are actively engaged in mapping and cartography in the United Kingdom.

These sections are accompanied by two indices: a general alphabetical index and a thematic index to facilitate searching for individual entries, each of which has a unique reference number.

SECTION 1: FULL ENTRIES

Number: F1

Organization name: AccuCities



Category: Commercial – 3D Mapping Services

Website: <https://www.accucities.com/>

Address:

71–75 Shelton Street

Covent Garden

London

WC2H 9JQ

Description of activities

AccuCities® is a specialist 3D city modelling agency that captures photogrammetric 3D city models of the as-built environment, both in CAD solid and textured formats, providing accurate and detailed 3D Models of London and other UK cities for architects and planners. Accurate and affordable, our context 3D City models can be purchased in a variety of levels of detail in AutoCad, SketchUp or FBX formats (Figures 1–3).



Figure 1. City of London Future Developments 3D Model



Figure 2. City of London Future Skyscrapers 3D Model



Figure 3. London 3D Model 2029 overview

Number: F2

Organization name: Association for Geographic Information (AGI)



Category: Professional Association

Website: <https://www.agi.org.uk>

Email: info@agi.org.uk

Address:

Lancaster Court
8 Barnes Wallis Road
Fareham
PO15 5TU

Description of Activities

The Association for Geographic Information (AGI) is a diverse and passionate membership organization delivering the needs of its members working in the GI and geospatial world. The AGI works in collaboration with industry bodies, member organizations and sponsors, to realize its mission and has a vital role to play in supporting the future development of the UK geospatial sector.

The AGI bases all its activities on three pillars:

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

Motivated to make a difference as an independent and impartial organization, the AGI works closely on behalf of its members, successfully influencing government policy, delivering the highest quality of education, leading in industry best practices and helping members to:

- build their professional networks;
- learn new professional skills and access training opportunities;
- focus on their career and personal development.

Established in 1990, the organization is filled with expertise, whilst attracting many young professionals who bring innovative ideas and insight.

Featured in the UK's Geospatial Strategy, the AGI Early Careers Network (ECN) facilitates communication and collaboration. The ECN aims to enable the development of productive and sustainable connections between early career professionals, giving traction to the fresh, innovative and disruptive ideas of the future leaders of the geospatial industry.

The AGI also runs the largest independent event in the UK GI calendar run by geospatial professionals. GeoCom is open to members and non-members alike and brings together the geo community with networking sessions, panel discussions, industry expert presentations and thought leadership addresses from some of the nation's biggest names in geospatial (Figure 4).



Figure 4. GeoCom - AGI's flagship event, and the largest independent event in the UK

Number: F3

Organization name: Bodleian Libraries, University of Oxford



Category: Map Library

Website: <https://www.bodleian.ox.ac.uk>

Email: maps@bodleian.ox.ac.uk

Address:

Bodleian Libraries
Broad Street
Oxford
OX1 3BG

Description of Activities

The Bodleian Map Room hosts the University of Oxford's map collection of almost 2,000,000 maps and 20,000 atlases.

During the reporting period, the Bodleian's Weston Library has been used to host numerous cartographic events:

- To celebrate the conclusion of our 6-year partnership with the National Trust tapestry restoration team, we held a one-day symposium (October 2019) 'From Weston House to the

Weston Library: the Sheldon Tapestry Maps at the Bodleian'

- A Library Late, where over 250 members of the public attended an evening of map-related events including: tours of 'Talking Maps'; lectures by map artists Layla Curtis and Stephen Walter; eight researchers who could be 'borrowed' by visitors for 5 minutes at a time to discuss their map-related work; flooding a Lego model of Oxford; and lots more (February 2020)
- An interactive online 'Meet the Maps' session focusing on four maps of Oxford (April 2022).

The restored Sheldon Tapestry Map of Oxfordshire (c. 1590) has been on public display since mid-2019, prominently located in the Weston's Blackwell Hall. We have launched a new eight-minute film on the map (see <https://www.youtube.com/watch?v=xU4X9rIkNKs>).

Map-related exhibitions included:

- Talking Maps – the first purely maps-focused exhibition staged by the Bodleian since 2003;
- Alice in Typhoidland included disease maps of Oxford;
- North Sea Crossings told the story of Anglo-Dutch exchanges through medieval manuscripts, early prints, numerous maps, animal stories and other treasures from the Bodleian's collections.

The major public engagement focus for this report was the Talking Maps exhibition from July 2019 to March 2020, co-curated by Nick Millea and Jerry Brotton, attracting almost 100,000 visitors to the Library.

A companion for 'Talking Maps' featured in November 2019's Oxford Christmas Light Festival with a son et lumière performance by Luxmuralis beamed onto the walls of the Old Schools Quadrangle (see <https://www.youtube.com/watch?v=N89OmcJITwo>).

More map images were beamed directly onto the Radcliffe Camera.

The Oxford Seminars in Cartography (TOSCA) continue to provide presentations on a variety of cartographic subjects, with multiple seminars and one field trip per annum, entering its 30th season in late 2022. TOSCA benefitted from the pandemic by increasing the number of seminars, and ambitiously targeting overseas speakers to deliver online talks. In March 2021, TOSCA was also able to host a virtual 1-day Women and Maps conference, and going online allowed us to bring in speakers from six different time zones, and attract around 200 attenders.

Outreach activities have seen staff giving presentations to organizations such as BCS, as well as Art Friends Suffolk, the British Art Network, Charlbury Beer Festival, Charlbury Festival, the Charlbury Society, Edith Moorhouse Primary School, Florence Park Community Centre, Friends of

Oxfordshire Museum, Friends of the Bodleian, the Henley Society, the International Map Collectors' Society, Manchester Geographical Society, Oxford Alumni Weekend, Oxford Beer Festival, Oxford Open Doors, The Oxford Seminars in Cartography, Oxford University Heritage Network, Oxfordshire County Libraries and Archives, Oxfordshire Family History Society, Radley History Club, St Helen and St Katharine School – Abingdon, St Luke's Hospital – Oxford, Shropshire Family History Society, University of Leicester Medieval Research Centre, Wood Festival and Wychwood School.

We have also judged two mapmaking competitions run by Oxford City Council which were designed to convey citizens' cartographic perceptions of lockdown during the pandemic.

New acquisitions included Layla Curtis' 'The Thames (from London Bridge, Arizona to Sheerness, Canada)', a direct result of the Bodleian's collaboration with the artist as part of 'Talking Maps'.

New titles from Bodleian Library Publishing which have appeared over the duration of this report have included:

- Ackland, Stuart: *Drink Map of Oxford* (2019)
- Ashworth, Mick: *Why North is Up: Map Conventions and Where They Came From* (2019)
- Brotton, Jerry & Millea, Nick: *Fifty Maps and the Stories They Tell* (2019)
- Brotton, Jerry & Millea, Nick: *Talking Maps* (2019)
- Nie, Hongping Annie: *The Selden Map of China: A New Understanding of the Ming Dynasty* (2019)
- Rapoport, Yossef: *Islamic Maps* (2020).

The Library's Leverhulme Trust-funded 'Understanding the medieval Gough Map through Physics, Chemistry and History' project was awarded of £112,242, beginning on 1st June 2019 and scheduled to continue until 31st May 2023. We have signed a contract with Brill to publish a hefty volume in their *Mapping the Past* series which will outline the findings of the project's endeavours.

We have also participated in the 'Unlocking historical maps of Southeast Asia' project to commemorate Singapore's bicentenary, partnering with Yale-National University of Singapore, Leiden University Libraries, the Beinecke Rare Books and Manuscripts Library, and the National Library Board of Singapore to create an online platform to deliver pre-1900 mapping of Southeast Asia. This went live on 30th August 2022 at: <https://historicalmaps.yale-nus.edu.sg>.

We have finally launched our series of ten StoryMaps online – they can be found at: <https://www.bodleian.ox.ac.uk/maps/storymaps/>. Subjects are: the Gough Map; Imaginary lands; Islamic maps; the Laxton Map; Layla Curtis' 'The Thames ...';

Oxford; the Oxford Drink Map; Oxfordshire; Tudor tapestry maps; and World War I trench maps.

Our volunteers have continued to focus their attention on the BCS Awards submissions, gathering them from disparate UK locations for storage and cataloguing as a new 'special collection' (Figures 5–6).



Figure 5. The Radcliffe Camera



Figure 6. Talking Maps Exhibition

Number: F4

Organization name: British Antarctic Survey



Category: Research Organization

Website: <https://www.bas.ac.uk>

Email: magic@bas.ac.uk

Address:

High Cross
Madingley Road
Cambridge
CB3 0ET

Description of Activities

The British Antarctic Survey (BAS) delivers and enables world-leading interdisciplinary research in the Polar Regions. The BAS Mapping and Geographic Information Centre provides geospatial information support to BAS science and operations programmes. It also takes a leading role in international projects to improve geospatial information resources for Antarctica through new techniques and data sources.

The BAS mapping group compiles, manages and distributes the Antarctic Digital Database (ADD) datasets on behalf of Scientific Committee on Antarctic Research (SCAR). The ADD is a seamless compilation of topographic data for Antarctica. Data updates are released every 6 months. Recent improvements to the ADD include a brand-new contour dataset for the entire continent and the publishing of ISO-compliant metadata records for the datasets. The ADD coastline and contour datasets were also added to the ArcGIS Living Atlas in 2022.

In addition to bespoke mapping to support BAS science and operations activities, we publish a series of topographic maps for the Antarctic and Arctic, primarily focusing on the Antarctic Peninsula and Scotia Sea. Seven of our published maps have been updated in the last 5 years and two new maps have been produced, one covering Greenland and the European Arctic and the other The South Orkney Islands. The maps continue to be sold worldwide and used by scientists, operational workers and tourists.

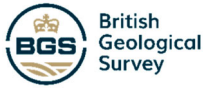
We provide secretariat support to the Foreign, Commonwealth & Development Office (FCDO) for the UK Antarctic Place-names Committee. 147 new names were added to British Antarctic Territory gazetteer in the last five years, and all approved names are added to the UK and international, composite gazetteers.

The group also maintains online web-mapping services including the Antarctic Peninsula Information Portal (collates environmental management information for British Antarctic Territory) and the Polar View sea ice information service (delivering current sea ice information to ships in the polar regions) (Figure 7).



Number: F5

Organization name: British Geological Survey



Category: Research Organization

Website: <http://www.bgs.ac.uk>

Email: enquiries@bgs.ac.uk

Address:

Nicker Hill

Keyworth

Nottinghamshire

NG12 5GG

Description of Activities

Since the British Geological Survey's inception in 1835, it has been providing information about the diverse geological landscape and the processes that have shaped it. Historically this has been the creation and publication of information via maps, logs and diagrams to help facilitate the understanding of this complex environment by other geologists and specialists. However, our users are changing, not everyone is a geologist, and as such they should not be expected to interpret geological terms and scientific understanding in its raw format. The data created behind our traditional publications has been instrumental in reaching a much wider audience, with the development of 2D and 3D digital frameworks evolving into 'digital twins' of our landscape, we are more likely to be providing information to a Data Scientist, than an Environmental Scientist. User requirements have also changed in how data should be delivered, with significant growth in data to flow between systems, providing easier access across more digital services and platforms. We have established a broad range of data products that draw on our scientific research and aligned to stakeholder needs as environmental challenges evolve and societal response changes. Traditional market research and innovation workshops with users have developed into co-design and beta-testing as digital skills and access enable more collaborative conversations.

Integration of our data with other sources of information is now more widespread. For example, our GeoCoast product integrates geology, terrain and climate data from multiple sources and provides information on the potential for coastal geohazards, especially coastal erosion, flooding, and subsidence. Similarly, the recent development of GeoClimate, which provides information on the potential for the ground to shrink and swell (causing subsidence) under different climatic conditions, exemplifies how a temporal component can be integrated into a traditionally 'static' dataset on a national scale.

As a data-rich organization, BGS is keen to make many of our datasets available through a variety of routes and continue to release open-source datasets as part of its remit. The BGS Geology 625 K map data is the latest to have been added to the ArcGIS Living Atlas making it discoverable to a global audience and encouraging innovation – augmenting BGS Earthquake, Borehole and GeoClimate datasets that already exist on this platform. Many more openly available datasets and products are available through BGS's GeoIndex.

We continue to provide geological expertise internationally with ongoing surveys for the island of Singapore, and the Maltese Islands. Here too, traditional map outputs are complimented with

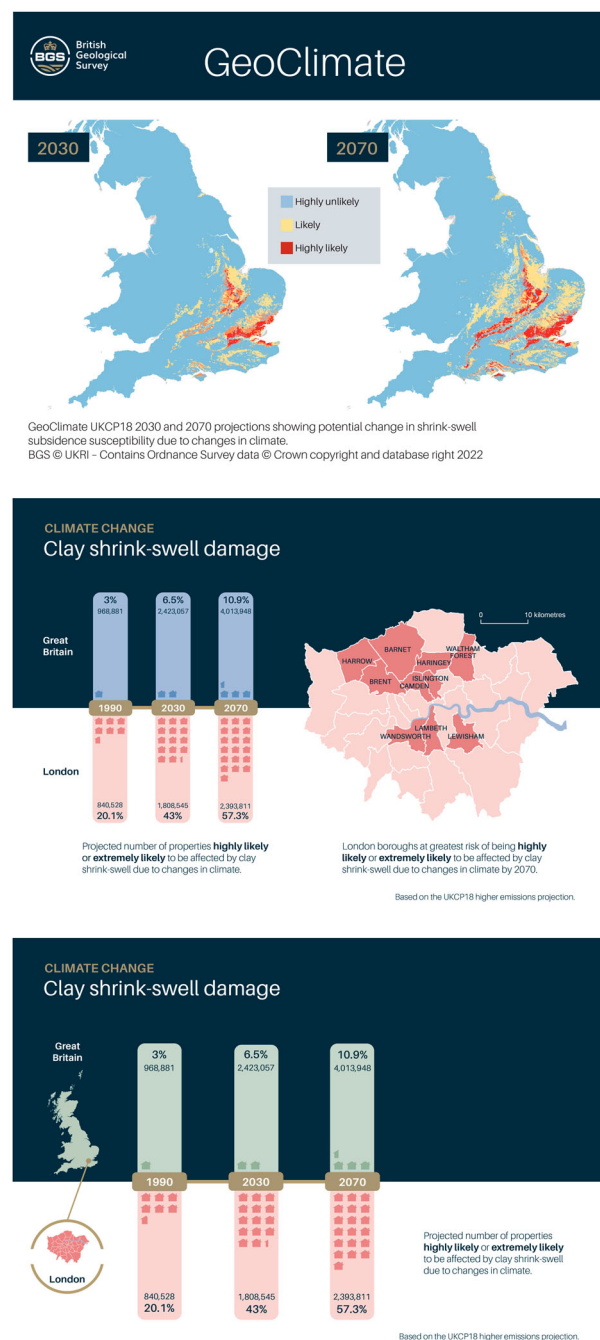


Figure 8. GeoClimate graphics

underpinning digital models and new formats for information delivery and user engagement.

The BGS is also part of the Geospatial Commission (GC), comprising of six core partner bodies to maximize accessibility to geospatial data. We work with the GC to improve the quality of key, publicly held data along with making it easier to access and use (Figure 8).

Number: F6

Organization name: Cambridge University Library
Map Department



Category: Map Library

Website: <https://www.lib.cam.ac.uk/collections/departments/maps>

Email: maps@lib.cam.ac.uk

Address:

Map Department
Cambridge University Library
West Road
Cambridge
CB3 9DR

Description of Activities

Cambridge University Library Map Department holds approximately 1.3 million printed and manuscript maps, plus 50,000 atlases and books on cartography. Items date from the fifteenth century to the present. Coverage is worldwide, though since Cambridge University Library is a Legal Deposit Library the coverage of British publishers, including the Ordnance Survey, is one of its particular strengths.

Activity during the last 4 years has inevitably been dominated by the Covid-19 pandemic. However, in spite of the speed with which we all had to react initially and the many restrictions and limitations imposed upon us (which resulted in us having very sporadic access to the collections), we managed to maintain an enquiry service and to do some other useful work. A blog post written for the Cambridge University Library Group describes many of these achievements (see <https://tinyurl.com/2p9bchme>).

One of these new projects for which time was unexpectedly available was the compilation of a Cartographic Resources LibGuide (https://libguides.cam.ac.uk/cartographic_resources). Another was the

editing of data for ingestion into the University's new archive catalogue ArchiveSearch (the Map Department's section of which can be viewed at <https://tinyurl.com/6sta5sww>). In addition, many more of our manuscript maps (mostly of Cambridge) have been added to Cambridge Digital Library (CUDL at <https://cudl.lib.cam.ac.uk/collections/maps/1>), as have Richard Relhan's (1782–1844) drawings of Cambridgeshire buildings and landscapes (<https://cudl.lib.cam.ac.uk/collections/relhan/4>).

The Library has now returned to working more or less as normal and we have been pleased to welcome back to the Map Room readers as well as groups of students of all ages, from Cambridge and further afield, to look at displays and learn about the collections.

The Map Department continues to assist with the organization of the Cambridge Seminars in the History of Cartography, which delivers three talks a year. These became, and remain, online presentations, attracting a world-wide audience (see www.lib.cam.ac.uk/collections/departments/maps/cartographic-events/camsem).

Number: F7

Organization name: CDR Group



Category: Commercial – Software Supplier

Website: <https://www.cdrgroup.co.uk>

Email: sales@cdrgroup.co.uk

Address:

Eccles House
Eccles Lane
Hope
Hope Valley
S33 6RW

Description of Activities

We provide activities around the supply of MapInfo Pro software and related geospatial data to any and all industries. We also provide training, support, consultancy and data capture, as well as provision of Spectrum Spatial for Web mapping (Figure 9).

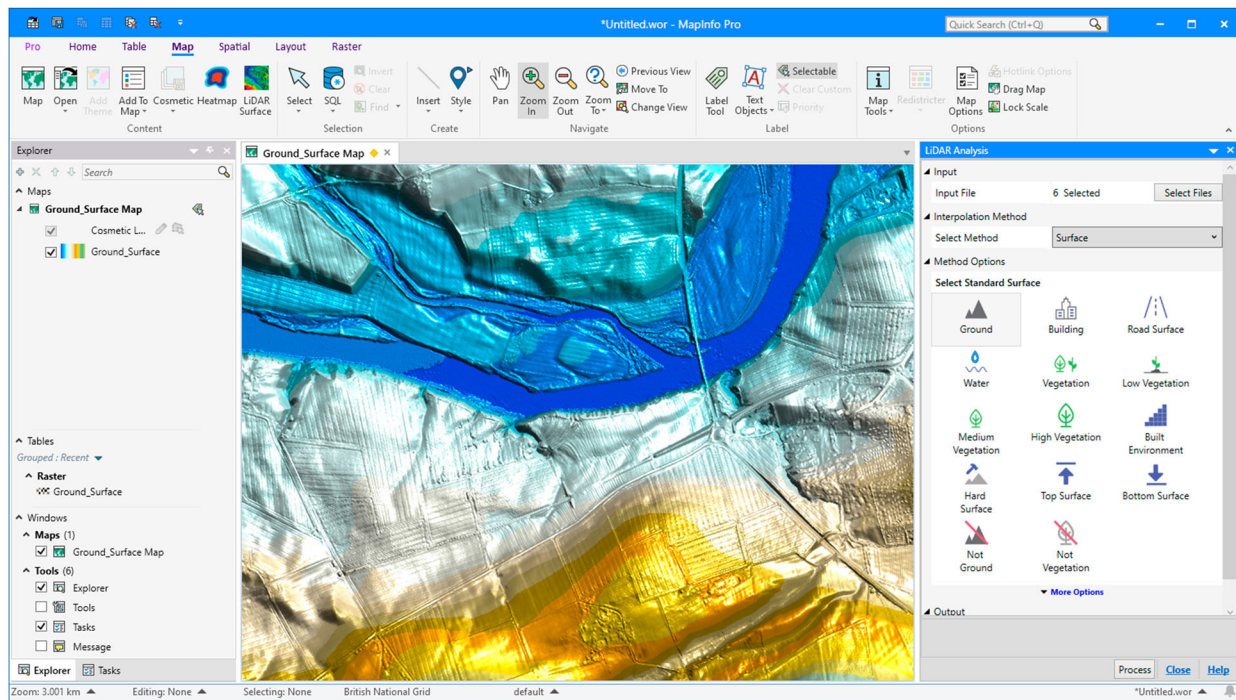


Figure 9. MapInfo Pro - LiDAR

Number: F8

Organization name: Cosmographics

Cosmographics

Independent Cartographic Services

Category: Commercial – Mapping Services

Website: <https://www.cosmographics.co.uk>

Email: alangrimwade@cosmographics.co.uk

Address:

Monaco House
Unit 1 Monaco Works
Station Road
Kings Langley
Hertfordshire
WD4 8LQ

Description of Activities

Cosmographics, formed in 1987, provides customer-focused cartographic services and undertakes mapping projects no matter how big or small. We can project manage a project from concept to design, editorial and production through to printing.

Our main projects are for publishers, providing maps for atlases, reference books and wall maps. Cosmographics also produce maps for the wine and tourist industry, for the education sector and many others. We produce and design maps using Illustrator, Photoshop and InDesign, using MAPublisher as our way to access and work with georeferenced data.

One particular focus in recent years has been to ensure that our maps are fully inclusive, especially

those for the education sector and in the public domain. Our colour-blind friendly wall maps are now sold in map shops around the world and we have a map shop on our website selling our products print on demand.

Number: F9

Organization name: Coventry City Council



Category: Government – Local

Website: <https://www.coventry.gov.uk>

Email: enquiries@coventry.gov.uk

Address:

One Friargate
Coventry
CV1 2GN

Number: F10

Organization name: Defence Geographic Centre

**Defence
Geographic
Centre**

Category: Defence

Address:

Elmwood Avenue
Feltham
TW13 7AH

Description of Activities

Introduction

Defence Geographic Centre (DGC) is a unit within the Foundation GEOINT pillar of the UK National Centre for Geospatial Intelligence (NCGI). It works in partnership with the UK providers of aeronautical, hydrographic, oceanographic and meteorological data, products and services to fulfil NCGI-Foundation's mission to deliver comprehensive global geospatial support to the UK Armed Forces and the Ministry of Defence (MOD) in support of operations, planning and training. It also supports other government departments, including the wider UK Security and Intelligence community, and works with a wide range of international partners both bilaterally and in multinational programmes.

Outputs

DGC produces and provides a wide range of data and products including maps, charts, documents, interactive tools and datasets, which are disseminated in both hardcopy and softcopy formats and increasingly through web-services across Defence CIS networks. As the centre of geographic expertise and advice to MOD, DGC has specialist knowledge and skills in the fields of geodesy, place names, international boundaries and human geography, and maintains one of the world's leading and finest global collections of current geospatial information, readily available to meet Defence requirements.

Recent Activities

The last 4 years have been particularly challenging; whilst implementing new ways of working due to the Covid-19 pandemic, DGC has continued to invest significant resource in implementing new capabilities, maintaining its skills, expertise and influence in key specialisms, and in preparations for moving from its current site in Feltham to join the majority of the NCGI assets at RAF Wyton as part of wider Defence Estate rationalization. Despite the challenges, DGC has provided critical geospatial support to Defence including a range of military operations and exercises such as the Carrier Strike Group, and to NATO contingencies and deployments.

Number: F11

Organization name: Dennis Maps



Category: Commercial – Printing

Website: <https://www.dennismaps.co.uk>

Email: enquiries@dennismaps.co.uk

Address:

Unit 2

Grove Lane

Frome

Somerset

BA11 4AT

Description of Activities

Dennis Maps Ltd is the largest printer of paper maps and charts in the UK, operating from a dedicated production facility in the southwest of England.

Dennis Maps Ltd works with a variety of clients, with these ranging from government agencies, through commercial map publishers, to individuals who are looking to publish a map for the first time.

Dennis Maps Ltd is the trusted print partner of Ordnance Survey, producing a large range of Ordnance Survey map products, including the iconic Explorer and Landranger Series.

The Company has a range of specialized equipment, including large format printers, using both lithographic and digital print technologies, as well as a range of map finishing equipment.

In total, Dennis Maps Ltd produces in excess of 2 million paper maps and charts each year.

Number: F12

Organization name: DVDMaps



M a p s

Category: Commercial – Mapping Services

Website: <https://www.dvdmaps.co.uk>

Email: david@dvdmaps.co.uk

Description of Activities

Producing maps for published travel guides, books by academic historians and design agencies (Figure 10).

Number: F13



Figure 10. Survey map of Zaragoza

Organization name: Edward Stanford



Category: Commercial – Retail

Website: <https://www.stanfords.co.uk> and www.bookharbour.com

Email: sales@stanfords.co.uk

Address:

7 Mercer Walk
Covent Garden
London
WC2H 9FA

Description of Activities

Stanfords is a specialist retailer of maps and nautical charts. We aim to keep in stock or be able to source a very wide variety of paper maps and charts for customers worldwide. In the past few years, we have grown the range of Print On Demand maps and charts that we offer. We sell to our customers in our London, Bristol and Southampton shops and on our websites and by handling telephone and email enquiries. Our customers value the opportunity to speak to our knowledgeable sales advisors and get the benefit of their experience when selecting maps. The majority of our sales are paper maps and charts, but we do also supply digital products. There has been a growth in demand for digital products, but this does not seem to have reduced the demand for the paper products that we sell. There has also been a growth in demand for reproductions of historic maps which we offer.

Number: F14

Organization name: Esri UK



Category: Commercial – Software

Website: <https://www.esriuk.com/en-gb/home>

Email: sales@esriuk.com

Address:

Millennium House
65 Walton Street
Aylesbury
Buckinghamshire
HP21 7QG

Description of Activities

The greatest challenges of our time – including climate change, sustainability, and social and economic inequality – are interrelated and inherently tied to issues of geography. A science-based, geographic approach can help us understand these interconnected problems holistically by integrating all kinds of information.

At Esri UK, we envision empowering all organizations to embrace this approach. By collectively creating and sharing multidisciplinary knowledge, we can make smarter decisions about managing our world – building a collaborative digital geospatial system for our entire planet. Together, we have the power to transform society and design a better, more sustainable future.

Today, our software, ArcGIS, is deployed in more than 350,000 organizations around the world. In the UK, we support thousands of organizations including the Environment Agency, Met Office, MOD, City of London Police, Balfour Beatty and Public Health Scotland.

Number: F15

Organization name: GeoHistoric



GeoHistoric

Category: Commercial – Consultancy

Website: <https://www.geohistoric.co.uk/>

Email: advice@geohistoric.co.uk

Address:

112 High Street
Balsham
Cambridge
CB21 4EP

Description of Activities

At GeoHistoric, we search out data sources, new and old, develop databases that meet a wide range of needs and undertake customized data collection, modelling and staff training. With over 60 years of combined experience in the geospatial industry, the directors are renown leaders in their respective fields having created award winning solutions for many different market sectors (Figure 11).

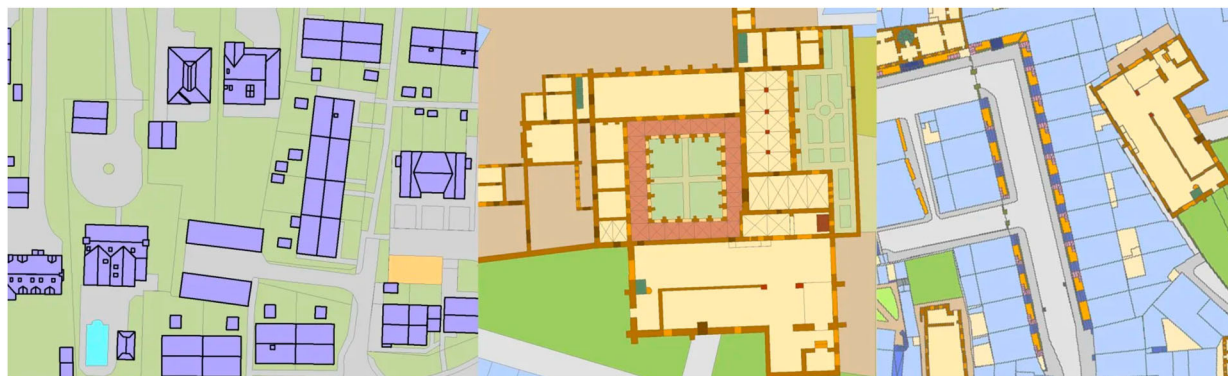


Figure 11. GeoHistoric map examples

Number: F16

Organization name: Geospatial Commission



Geospatial
Commission

Category: Government

Website: <https://www.gov.uk/government/organizations/geospatial-commission>

Email: allanah.ashdown@cabinetoffice.gov.uk

Address:

10 South Colonnade
London
E14 4PU

Description of Activities

Since its inception in 2018, the Geospatial Commission has:

- Published the UK's Geospatial Strategy, setting out a coordinated approach to unlock the economic, social and environmental value from geospatial data
- Commenced rollout of the National Underground Asset Register (NUAR), a digital map of underground pipes and cables that will revolutionize construction and development in the UK
- Established the National Land Data Programme, focusing on making the case for how enhanced spatial modelling capability can lead to better, joined-up strategic decisions on land use
- Assisted in making geospatial data more Findable, Accessible, Interoperable, Reusable via our Q-FAIR programme
- Published a report on the demand for geospatial skills
- Announced a new 10-year Public Sector Geospatial Agreement (PSGA) with Ordnance Survey, increasing the amount of location data available to the public sector across England and Wales

- Ran a Transport Location Data Competition, stimulating the rapid prototyping of many innovative geospatial solutions developed by the companies that participated
- Published a report on the UK public sector demand for Earth Observation technology which has now developed into a pilot programme
- Showcased the UK's capability at international forums in partnership with key UK agencies at COP26, the Cambridge Conference (the international conference for national mapping agencies) and the Geospatial World Forum
- Published a policy paper on location data ethics proposing shared values to build public trust in the use of location data
- Developed the Electric Vehicle Chargepoint Programme, looking to test the feasibility and value of a standardized approach to geospatial data to help local authorities plan and provide electric vehicle chargepoint infrastructure and the government to meet its 2030 target for ending the sale of petrol and diesel vehicles.

Number: F17

Organization name: Government Geography Profession



Category: Government

Website: <https://www.gov.uk/government/organizations/government-geography-profession> & <https://members.geography.gov.uk/>

Email: govheadgeog@defra.gov.uk

Address:

Contact through Geospatial Commission (F46)

Description of Activities

In 2018, the Government Geography Profession (GGP) was established to support geographical expertise across the public sector. We are now a community of over 1,500 members across various

Government Departments, Local Government and other public sector organizations. Our members are located across the UK in roles across the full breadth of the geography discipline.

The GGP is based at the Cabinet Office with our departmental sponsor, the Geospatial Commission. We are also one of the seven analytical professions in Government that have come together to form the Analysis Function, using a multidisciplinary approach to inform the design and delivery of policy and support our members with training, advice and guidance.

Our members participate and present at monthly knowledge sharing webinars and receive our monthly newsletter. We have developed our members site which has free resources to aid in learning and development in the geographic sector. It hosts our member directory which allows our members to connect with each other.

We hold an annual conference for members which has been in person twice and held online during the pandemic. We have also hosted our annual Geography in Government Awards which recognizes and celebrates the work of our members across the public sector.

We have engaged with organizations across the geo community and have working relationships with those whom we can collaborate with to achieve our shared objectives and benefit our members. These include the British Cartographic Society, Royal Geographical Society (with IBG) and Geoplace.

The GGP will continue to be an inclusive and welcoming profession for those in the public sector who consider themselves geographers, recognizing that whilst a lot of our members are in technical geo roles that align to the Analysis Function, there will be other geographers in wider roles across the public sector who the profession will continue to support.

Number: F18

Organization name: HarperCollins Publishers UK



Category: Commercial – Mapping Services

Website: <http://www.harpercollins.co.uk>

Email: collins.reference@harpercollins.co.uk

Address:

103 Westerhill Road

Bishopbriggs

Glasgow

G64 2QT

Description of Activities

Collins Bartholomew, the cartographic operation within HarperCollins publishers, creates and maintains all the mapping published under the Times and Collins brands as well as the authoritative cartographic databases that underpin it. A suite of licensable digital map data products is also created from these databases and is used and trusted worldwide by customers in government, defence, media, humanitarian and other sectors.

Print products include the prestigious *Times Comprehensive Atlas of the World*, a range of Collins World Reference atlases and Road Atlases for the UK and Europe; and a growing list of leisure titles, including pocket street maps and walk guides.

In January 2020, Collins Bartholomew acquired the mapping operation of the Geographers' A-Z Map Company and continues to revise the detailed A-Z base maps, publish print titles and licence digital versions of A-Z branded maps in the iconic A-Z style.

Since 2010, Collins Bartholomew has been the official mapping partner of the GSM Association, the umbrella body for mobile network operators around the world. We create individual interactive coverage maps for each operator's networks for display on the GSM Association website and (optionally) on the operator's own website. Aggregated global coverage data is also licensed to a variety of customers, primarily in the academic and humanitarian sectors.

Collins Bartholomew also offers a custom mapping service, built around flexible delivery of bespoke maps created from our diverse and comprehensive suite of cartographic assets, knowledge and experience (Figure 12).

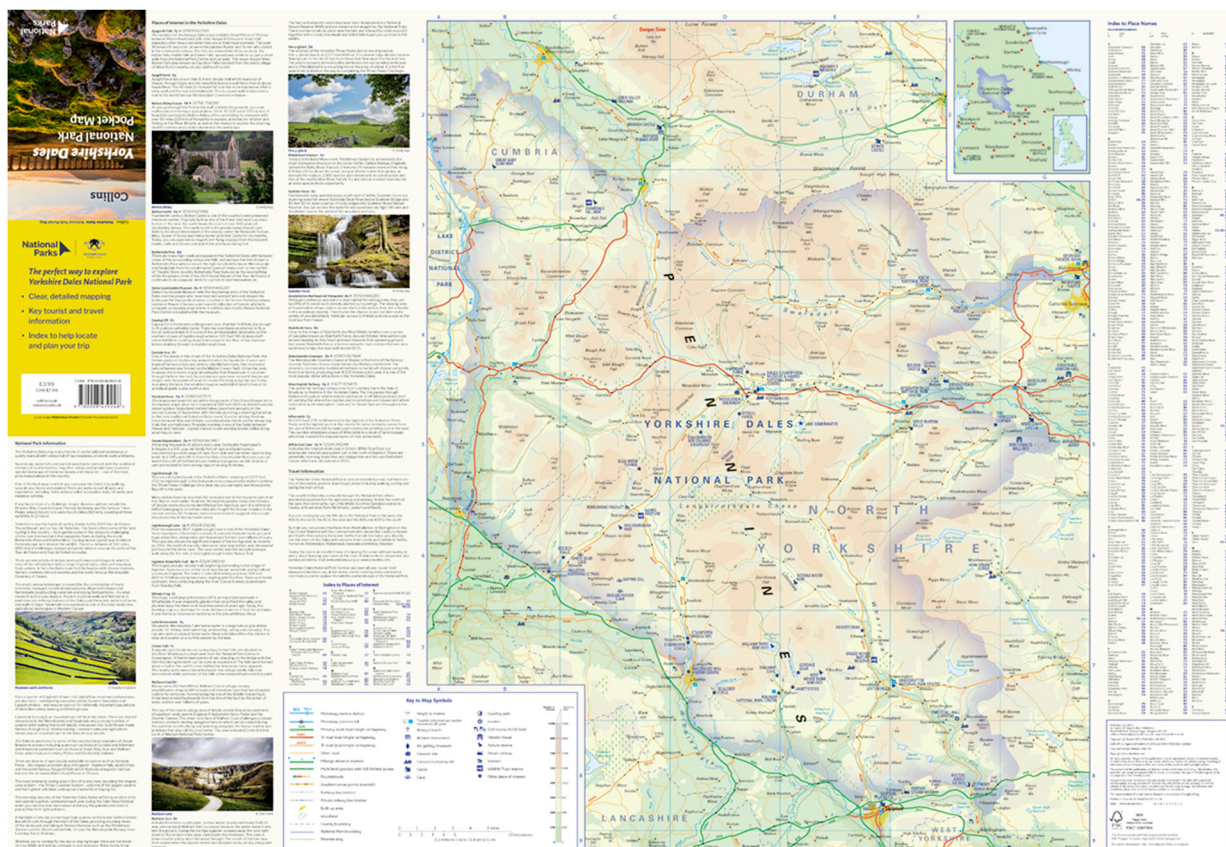


Figure 12. Yorkshire Dales National Park Pocket Map

Number: F19

Organization Name: Latitude Cartography



Category: Commercial – Mapping Services

Website: <https://www.latitudecartography.co.uk>

Email: info@latitudecartography.co.uk

Address:

Duncrannag

Lochpark

Carradale East

Campbeltown

PA28 6SG

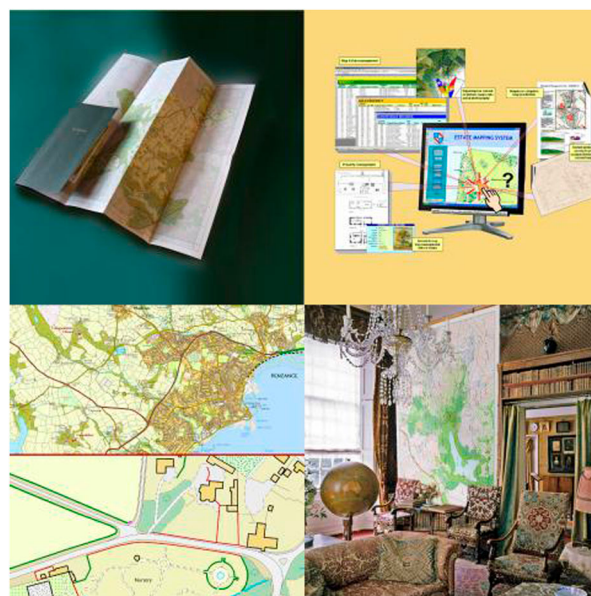


Figure 13. Latitude Cartography mapping examples

Description of Activities

We produce new copyright-free GIS/hand-drawn topographic base maps and implement user-friendly mapping systems (GIS) for estates and companies. We provide training courses and produce management plans for those managing landscapes. Naturally we produce any type of map on request (e.g. for authors) (Figure 13).

Number: F20

Organization name: Lovell Johns



Category: Commercial – Mapping Services

Website: <https://www.lovelljohns.com>

Email: enquiries@lovelljohns.com

Address:

10 Hanborough Business Park
 Long Hanborough
 Witney
 Oxfordshire
 OX29 8RU

Description of Activities

Lovell Johns is both the largest independent cartographic services company in the UK and also a provider of independent GIS services and solutions through the gi Perspective division. Celebrating its 50th year anniversary in 2015, the business has 20 full-time staff serving an international client base. The culture of the business is one of flexibility and professionalism with a passion for quality in every map-making activity undertaken. The business has four closely linked business streams:

- End-to-end cartographic design services based on the processing of spatial data in the cartographic and GIS environments to support a wide range of custom map commissions and data visualizations

- GIS services and Web mapping through gi Perspective encompassing data capture, data processing, software and application development to support our map-making activities
- Printed wall-maps and map data production, including an extensive range of reference and thematic maps for the consumer market

Lovell Johns has an unrivalled reputation for its expertise in bespoke cartographic production and we have worked for many years on large-scale reference, thematic and infographic mapping projects for public sector clients such as Ordnance Survey, Environment Agency, European Commission and for international reference map publishers including National Geographic, Philip's, AA and Michelin. The GIS and Web mapping side of the business, rebranded as gi Perspective in 2019, provides a wide range of spatial analysis, data processing and visualization and web-mapping solutions to a varied client base including Welsh Government, European Commission and many local authorities ([Figure 14](#)).

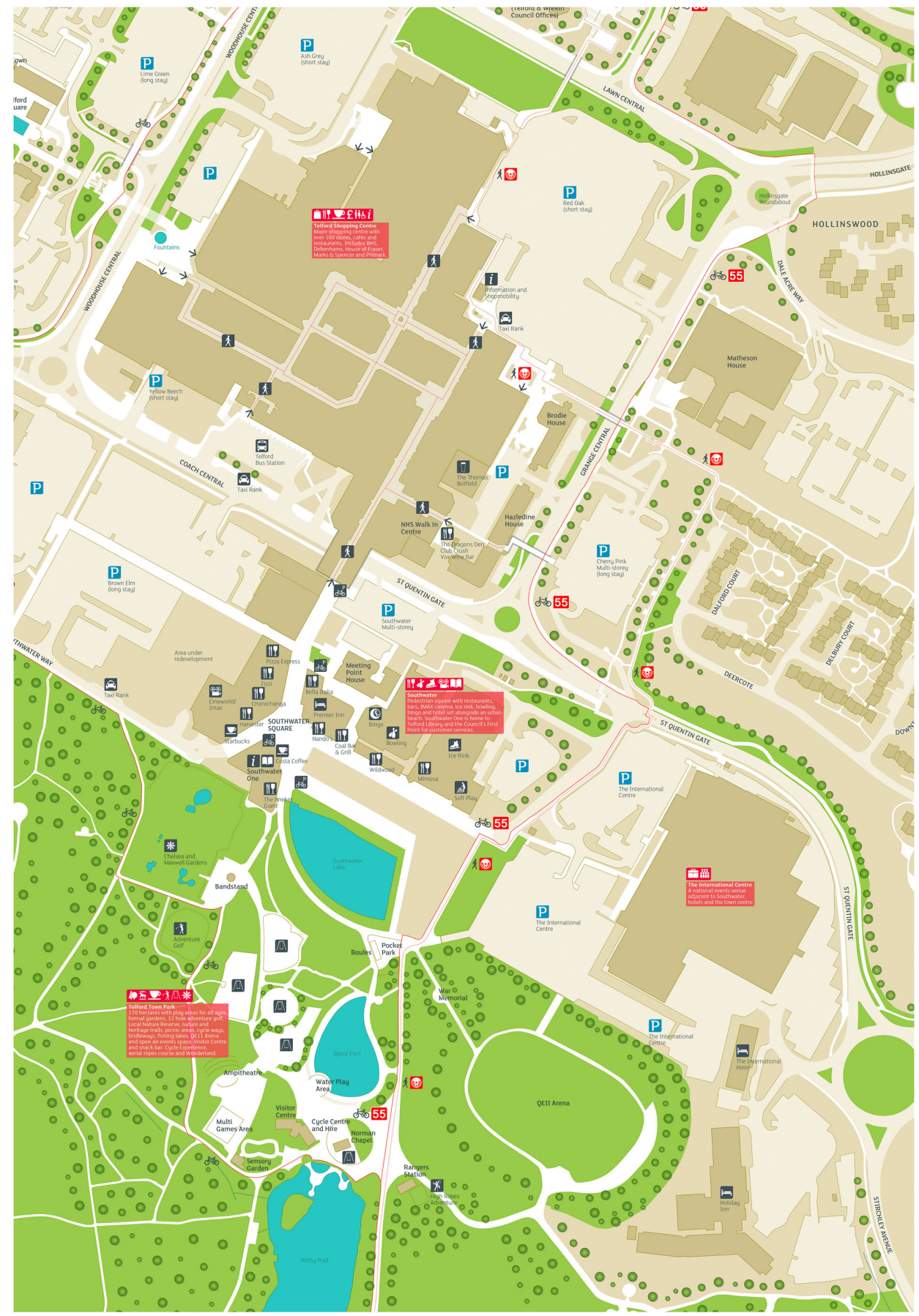


Figure 14. Map of Telford

Number: F21

Organization name: Making Maps Work Ltd trading as ML Design



Category: Commercial – Mapping Services

Website: <http://www.facebook.com/MakingMapsWork>

Email: mldesign@btconnect.com

Address:

53 Doctors Lane

Chaldon

London

CR3 5AF

Description of Activities

ML Design has been offering mapping services for over 30 years. We work for a wide range of clients offering a design-based approach to mapping. The emphasis on information design and mapping indicates that our interest is the successful transmission and navigation through complex information. Our primary client base comprises publishers, designers, museums and museum designers, heritage and cultural organizations, and Local and Central Government (Figures 15–16).

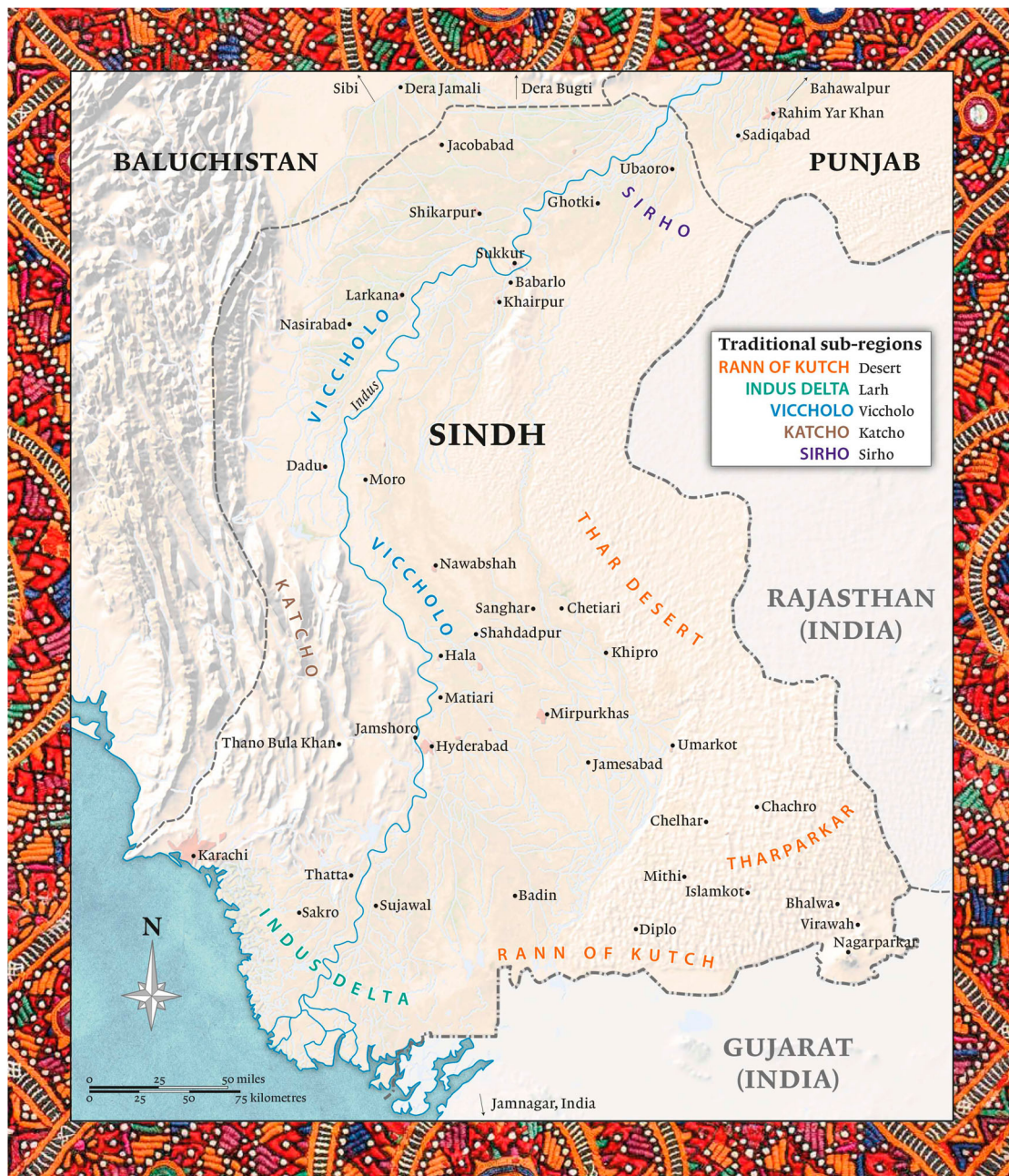


Figure 15. Map of Sindh



Figure 16. ML Design map examples

Number: F22**Organization name:** National Library of Scotland**Category:** Map Library**Website:** <https://www.nls.uk/>**Email:** maps@nls.uk**Address:**

92 Cowgate
 Edinburgh
 EH1 1JN

Description of Activities

The National Library of Scotland's map collections have continued to grow through legal deposit, purchase and donation. With a physical collection of more than 2.25 million items, the digital collection is also growing rapidly. Digitization projects mean that almost a quarter of our collection is now available online (<https://maps.nls.uk/>). Following a project to scan and put online all our single-sheet maps of Scotland (131,000 maps in total), our online coverage of maps of Scotland now spans more than 400 years. The team is now working on scanning and making publicly available Ordnance Survey sheets at all scales for England and Wales, including the large-scale town plans, which will include more than 10,000 maps covering 400 towns.

A new reading room, in our Causewayside building in Edinburgh, has meant that physical map consultation is by appointment only, freeing the Map team up for other map enquiry, collection and outreach tasks. Outreach includes workshops and talks about using maps as historical sources, particularly for family, house and local history, as well as bespoke sessions for academic and special interest groups, such as garden history. An overhead visualizer has recently been installed in the reading room which will enable remote consultation of maps and atlases for readers.

During 2021–2022, several hundred enthusiastic volunteers worked with us to transcribe names and features from our historic maps. More than 60,000 place names from the Roy Military Survey of Scotland (1747–1755) were recorded. Working with the Scottish Rights of Way and Access Society, 50,000 footpaths and tracks were successfully found and mapped. The transcription projects also created a detailed gazetteer of Edinburgh streets and urban features derived from the 1890s Ordnance Survey town plans. These successful collaborative projects show us a way forward for future community engagement.

Number: F23**Organization name:** National Library of Wales**Category:** Map Library**Website:** <https://www.library.wales>**Email:** enquiry@llgc.org.uk**Address:**

The National Library of Wales
 Aberystwyth
 Ceredigion
 SY23 3BU

Description of Activities

The Library collects maps through various means, including Legal Deposit, purchase and donation. The collections are made available to the public through visiting our reading rooms and increasingly online through digital surrogates. The Library promotes the collection through the use of social media, blogs and our annual maps symposium Carto-Cymru.

Over the last 2 years, we have increased the number of staff working with the map collection, by appointing a trainee assistant map curator and also by adding another curatorial assistant to the team.

While most of the collection consists of paper mapping, we have also started to receive a number of born-digital cartographic items which we are making available online.

Number: F24**Organization name:** School of Engineering, Newcastle University**Category:** Education**Website:** <http://www.ncl.ac.uk>**Email:** david.fairbairn@newcastle.ac.uk**Address:**

Newcastle University
 Newcastle upon Tyne
 NE1 7RU

Description of Activities

During the 2019–2023 period, the presence of cartography as a discipline of study has changed at Newcastle University. In teaching programmes, its most notable contribution is still to degree courses in geospatial engineering. The 3-year undergraduate

BSc degree in Geographic Information Science and the BEng degree in Geospatial Surveying and Mapping (and corresponding 4-year Masters programmes) incorporate cartographic foundations and practice in all modules which deal with the handling of geospatial data. Thus cartography is incorporated into geodesy, surveying, image handling, geo-analytics, visualization and geospatial data management, covering topics including map design, open-source systems, web services, story-telling and map presentation, generalization. Other associated disciplines within the School of Engineering also cover map production. Due to retirement, however, there is no longer dedicated cartographic teaching in separate modules at Newcastle. On the other hand, cartography now contributes to other Schools with degree courses in Geography, in Planning and in Archaeology incorporating material relating to visualization, ethical and social perspectives for geospatial data, and geomatics aspects of fieldwork and mapping.

Final-year undergraduate thesis projects allow for student choice from across the range of geomatics, including cartographic issues; whilst research has addressed user interaction with maps, both from a practical viewpoint (e.g. eye-tracking to assess decision-making in environmental impact analysis) and a more theoretical basis (e.g. looking at paradigm shifts in cartography, and how cartography is defined and impactful on human society). Engagement with more historical aspects, including postgraduate research work related to contour lines, and attention to Charles Close Society activities, has also occurred.

Integrated national research programmes and projects at Newcastle which demonstrate the importance of effective geospatial data management, mapping and visualization include the EPSRC Centre for Doctoral Training in Geospatial Systems (<https://research.ncl.ac.uk/geospatial-systems/>) and the Urban Observatory (<https://urbanobservatory.ac.uk/>).

Number: F25

Organization name: Nicolson Digital



Category: Commercial – Mapping Services

Website: <https://www.nicolsondigital.com>

Email: maps@nicolsondigital.com

Address:

3 Frazer Street

Largs

North Ayrshire

KA30 9HP

Description of Activities

Publishing street, tourist and other small-scale mapping. In addition, more of our business has involved using Large Scale OS Data (MasterMap) for planning applications and general land transactions.

Number: F26

Organization name: Open Geospatial Consortium



Category: Professional Association

Website: <https://www.ogc.org>

Email: info@ogc.org

Address:

2300 Wilson Blvd. Ste 700

#1026 Arlington

Virginia 22201

Description of Activities

The Open Geospatial Consortium (OGC) is an international consortium of more than 500 businesses, government agencies, research organizations, and universities driven to make geospatial (location) information and services that are FAIR (Findable, Accessible, Interoperable, and Reusable). OGC's member-driven consensus process creates royalty free, publicly available, open geospatial standards. Existing at the cutting edge, OGC actively analyses and anticipates emerging technology trends, and runs an agile, collaborative Research and Development (R&D) lab – the OGC Innovation Program – that builds and tests innovative prototype solutions to members' use cases.

Over the last 4–5 years, OGC has embarked on a programme of work to develop a suite of Application Programming Interface (API) standards that spatially enable applications on the Web. The standards are collectively known as the OGC API Standards, and they address many of the needs that have historically been addressed by OGC Web Service Standards. The standards will enable access to vector feature data, coverage data, cartographic maps, charts, geospatial processing, vector tiles, map tiles, Discrete Global Grid Systems (DGGS), moving feature data, sensors, 3D GeoVolumes, and other resources.

An example of an OGC activity that has directly impacted geospatial policy in the United Kingdom (UK) is the development of the OGC Model for Underground Data Definition and Integration (MUDDI) standard. The National Underground Asset

Register (NUAR) initiative of the Geospatial Commission is making use of aspects of MUDDI and contributing lessons learnt back into the development of the MUDDI standard. The global membership of the OGC makes it possible for best practices relating to underground data to be identified across initiatives in the United Kingdom and the rest of the world.

Number: F27

Organization name: Ordnance Survey



Category: Government – National Mapping Agency

Website: <https://www.os.uk>

Email: pressoffice@os.uk

Address:

Explorer House
Adanac Drive
Nursling
Southampton
SO16 0AS

Description of Activities

Ordnance Survey's (OS) vision is to be recognized as world leaders in geospatial services; creating location insight for positive impact.

As a Government-owned company, OS delivers the national mapping service for Great Britain, collecting and managing over 500 million geospatial features in the national geographic database of GB, applying 20,000 updates every day and working with GeoPlace to maintain the national address gazetteer.

OS data and services support government, business and individuals across the globe. Across GB, OS data

underpins critical national infrastructures, including the land registers of England, Wales and Scotland; water, electricity, gas and telco systems; and numerous private asset registers. OS underpins a wide variety of public services, supporting the UK Government to tackle some of the biggest challenges facing society, including climate change, national security and resilience. OS showcases how geospatial data can improve national outcomes on global platforms, such as at COP26 and through the Cambridge Conference of global geospatial leaders, and continues to demonstrate leadership at the United Nations Committee of Experts on Global Geospatial Information Management.

Through the Public Sector Geospatial Agreement, OS offers over 5,800 organizations access to OS data, supporting vital public services, including emergency responders. The OS Data Hub has transformed accessibility for customers and commercial partners; in 2021/22, there were 1.1 billion transactions across the Hub's APIs. OS supports a community of 400 licensed data partners and growing networks of several thousand developers.

OS's leisure business encourages people to get outside more often, with two national series of paper mapping and an award-winning OS Maps app, which has now launched internationally to customers in Australia, New Zealand and North America.

OS offers international governments and partners solutions in sustainability, land management, basemap creation and urban monitoring; and is developing geospatial services as a platform provider and partner in collaboration with utility and telecoms customers (Figures 17–19).

Number: F28



Supporting Devon & Cornwall Police in delivering a safe and successful G7 summit

OS provided the latest 3D mapping to the police to help plan and deliver the international meeting.

Highly detailed 3D maps included transport data, building attribution and operational tools.

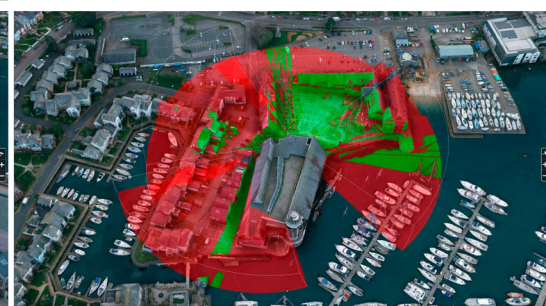
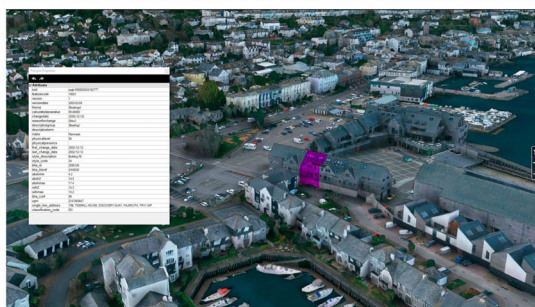


Figure 17. Mapping supporting Devon and Cornwall police during G7 summit

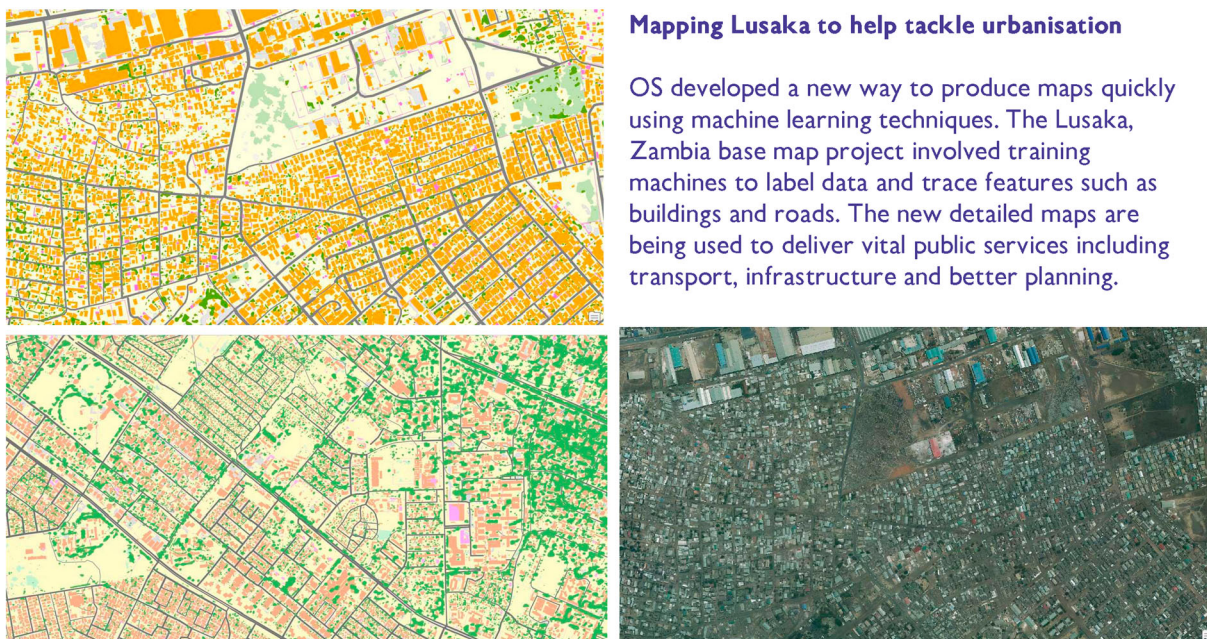
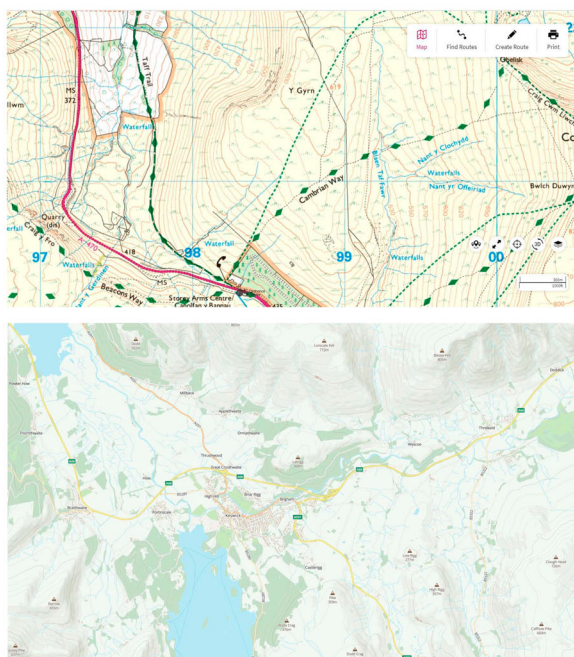


Figure 18. Mapping Lusaka to help tackle urbanization



Above: New OS Maps Standard Map Layer launched in 2022

Figure 19. Get outside with OS Maps

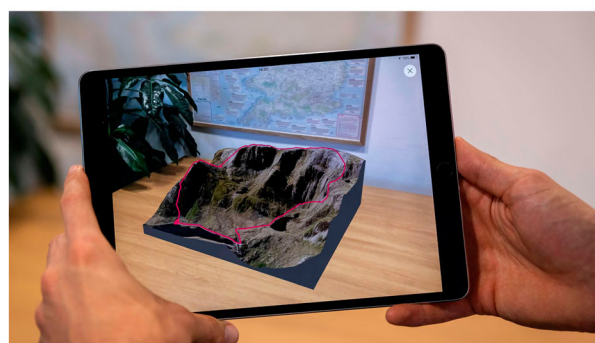
Mapping Lusaka to help tackle urbanisation

OS developed a new way to produce maps quickly using machine learning techniques. The Lusaka, Zambia base map project involved training machines to label data and trace features such as buildings and roads. The new detailed maps are being used to deliver vital public services including transport, infrastructure and better planning.

Get outside with OS Maps

OS's leisure mapping app, OS Maps, has seen a 33% increase in users over the last year.

The popular app features the latest OS mapping and styling, as well interactive 3D mapping layers and augmented reality features.



SEE > BETTER PLACE

Organization name: Permanent Committee on Geographical Names

pcgn
The Permanent Committee on Geographical Names

Category: Government

Website: <https://www.gov.uk/pcgn>

Email: info@pcgn.org.uk

Address:

c/o The Royal Geographical Society
1 Kensington Gore
London SW7 2AR

Description of Activities

Geographical names help us to understand our world, and British explorations of the world inspired an

interest in the systematic writing of foreign geographical names.

A note was published in *The Geographical Journal* in 1919 describing the inconvenience that had arisen during World War I due to the variety of spellings of foreign geographical names. As a result, the Royal Geographical Society formed a permanent committee to deal with questions of the orthography and transliteration of foreign place names.

It was the 100th anniversary of the Permanent Committee on Geographical Names (PCGN) in 2019, and its fundamental purpose today remains the same: to advise across HM Government, in order that there may be widespread access to accurate, standardized foreign geographical names, to avoid ambiguity and significant diplomatic issues.

Over the past few years, PCGN has provided a wide variety of advice on geographical names across government, in line with UK foreign policy. One notable example, following the illegal invasion of Ukraine by Russia, was PCGN's consultation with FCDO (Foreign, Commonwealth & Development Office) on the capital city's name. FCDO has agreed that Kyiv is the form that should be used by HMG, replacing any use of the formerly used conventional name, Kiev (this latter form is close to the Russian (Киев, romanized Kiyev), and therefore may present ambiguity and indeed a misleading connotation). We have also checked many UK government maps of Ukraine to ensure that accurate and up-to-date Ukrainian names, rather than Russian names, or older Ukrainian names (the country having been through a wide 'decommunization' programme in recent years), are shown throughout the sovereign state of Ukraine (including Crimea, Donetsk and Luhansk).

Information Papers, Toponymic Factfiles and Romanization Systems written by PCGN can be found on the PCGN website and give a representative flavour of the current work of PCGN.

Number: F29

Organization name: Philip's, a division of Octopus Publishing Group



Category: Commercial – Mapping Services

Website: <https://www.octopusbooks.co.uk/landing-page/philips-octopus/>

Email: alison.ewington@octopusbooks.co.uk

Address:

Carmelite House
50 Victoria Embankment
London
EC4Y 0DZ

Description of Activities

Philip's has continued its long history of cartographic publishing through the publication of a wide range of road atlases, sheet maps, world and school atlases, and a smaller list of astronomy and general reference titles. Founded in 1834, Philip's is today, one of the world's best-known map, atlas and reference book publishers. Working with a small in-house team, Philip's maintains its publishing programme by working with an extensive network of the best cartographic suppliers, designers, freelance editors and consultants.

Most of Philip's extensive range of UK road and street atlases are based on Ordnance Survey data. There has been an increased use of open-source mapping data in recent years which has been instrumental in creating new products. The large-scale Navigator series of UK road atlases are the best sellers in their category. Despite the ubiquity of in-car satellite navigation systems, there is still a market for paper products, although it is much smaller than in the past.

As part of the Octopus Publishing Group, there are opportunities to form partnerships with publishing companies around the world to supply tailor-made foreign language atlases. This thread is especially strong in the field of school atlases and translated editions have appeared in languages from Danish to Sinhala. The school and world atlas ranges are published in association with the Royal Geographical Society. The world atlas programme is particularly strong in the US market and the flagship *Atlas of the World* is published in conjunction with Oxford University Press (Figure 20).

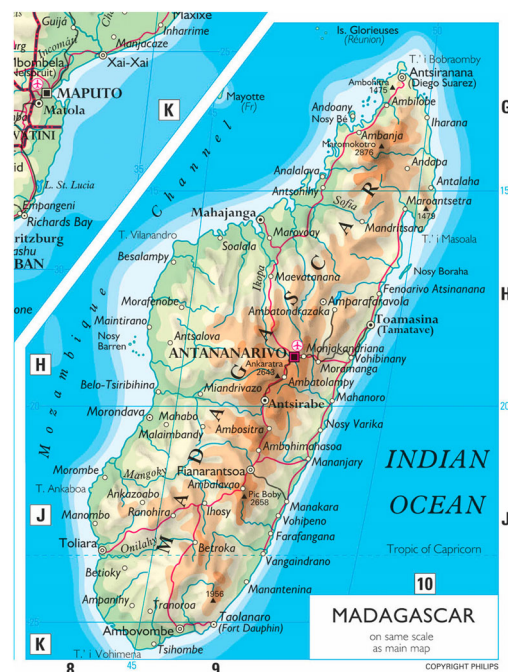


Figure 20. Sample Map of Madagascar

Number: F30**Organization name:** Pindar Creative**Category:** Commercial – Travel Mapping**Website:** <https://www.pindarcreative.co.uk>**Email:** info@pindarcreative.co.uk**Address:**

2–10 Plantation Road

Amersham

Buckinghamshire

HP6 6HJ

Description of Activities

Pindar Creative is a leading expert in promoting active and sustainable travel and we have been producing accurate, high-quality and time-sensitive mapping and travel information for many years. We work in partnership with a wide range of clients including local authorities, combined authorities, bus and rail operators, universities and colleges, the NHS and corporate businesses.

Our highly trained cartographers have extensive experience of working with Ordnance Survey and OpenStreetMap datasets to produce legible mapping products with a clear visual hierarchy. With expertise in both GIS (ArcGIS and QGIS) and Adobe Illustrator, we produce a wide range of mapping styles from schematic to geographic maps for print and online solutions.

Some recent projects include:

- Wayfinding/Visitor maps for Transport for London, South Downs National Park Authority, City and County of Swansea, and Living Streets Cymru
- Active travel solutions, including cycling and walking maps for Living Streets, Leicestershire County Council, Lancashire County Council, London Borough of Ealing and Transport for Greater Manchester
- Maps for bus operators, including First Group, Stagecoach, Transport for Wales and West Midlands Combined Authority
- Onward travel information for Transport for London, West Yorkshire Combined Authority, City of York Council and National Transport Authority
- Bus and rail timetables with network and individual route maps for LNER, First Group and Ipswich Bus
- Bus stop displays including linear maps for Stagecoach, Metrobus and Go-Coach
- Interactive mapping solutions for Transport for Greater Manchester, Transport for Wales and Dorset Council
- E-paper digital bus stops for Aberdeenshire Council, East Lothian Council and Milton Keynes Council.

We understand that each person has their unique, journey-planning requirements. By presenting mapping and travel information in an accessible, legible and intuitive way, active and sustainable travel can become a viable option for a wider audience, including those with visual impairments, and neuro-diverse conditions, and to those unfamiliar with the area (Figure 21).



Figure 21. Stubaial Valley map 2022

Number: F31**Organization name:** Royal Commission on the Ancient & Historical Monuments of Wales**Category:** Government**Website:** <https://www.rcahmw.gov.uk/>**Email:** nmr.wales@rcahmw.gov.uk**Address:**

Ffordd Penglais

Aberystwyth

SY23 3BU

Description of Activities

The Royal Commission plays a leading role in the heritage sector with regard to spatial mapping of the historic environment. Since its inception in 1908, the

Commission has sought to record the historic environment in both its historical and geographical context. For the past 20 years, the Commission has created, maintained and made publicly available Coflien, the online database for the National Monuments Record of Wales (NMRW); a collection of thousands of archaeological sites, monuments, buildings and maritime sites in Wales, all of which have been plotted spatially. The commission also uses its expertise in spatial mapping to enhance access to the NMRW archive, a vast collection of 1.25 million photographs including the largest collection of historic aerial photography for Wales, 70,000 plans and drawings and 50,000 historic maps.

The Commission also plays a leading role in promoting innovative new ways of spatial mapping within the historic environment sector. More recently the Commission has been involved with an Arts and Humanities Research Council funded pilot project entitled 'Deep Mapping Estate Archives', which has sought to digitize, georeference and vectorize a range of historical cartographic sources such as the First Edition Ordnance Survey, Tithe Maps, Enclosure Maps and Estate Maps from 1600 to 1900. Effectively, this project demonstrates how a MasterMap for the historic environment can be created providing a spatial temporal framework that can be explored by the user to see how the landscape has been created and has changed over the past 400 years. Future projects will involve Commission staff advising on the 'Medieval March of Wales c. 1282–1550: Mapping Literary Geography in a British Border Region' project and will continue to develop its expertise in vectorizing and making freely available historical cartographic sources of Wales (Figure 22).

Number: F32

Organization name: Royal Geographical Society (with IBG)



Category: Society

Website: <https://www.rgs.org>

Email: rhed@rgs.org

Address:

1 Kensington Gore
London
SW7 2AR

Description of Activities

As the UK's learned society and professional body for geography, we advocate for geospatial and its value for the environment, economy and society. We support the development of the professional geospatial community – from schools to universities and into professional practice, through setting of standards, provision of training and programmes of professional development. We accredit geospatial practitioners and programmes.

In partnership with Esri UK, we offer regular Continuing Professional Development sessions for teachers who are looking to enhance their geospatial work in the classroom and use ArcGIS for fieldwork. We also offer sessions on Digimap for Schools.

We contribute to a broad range of education and skills consultations, highlighting the importance of geospatial data and its applications – including responses on the National Data Strategy (2020),

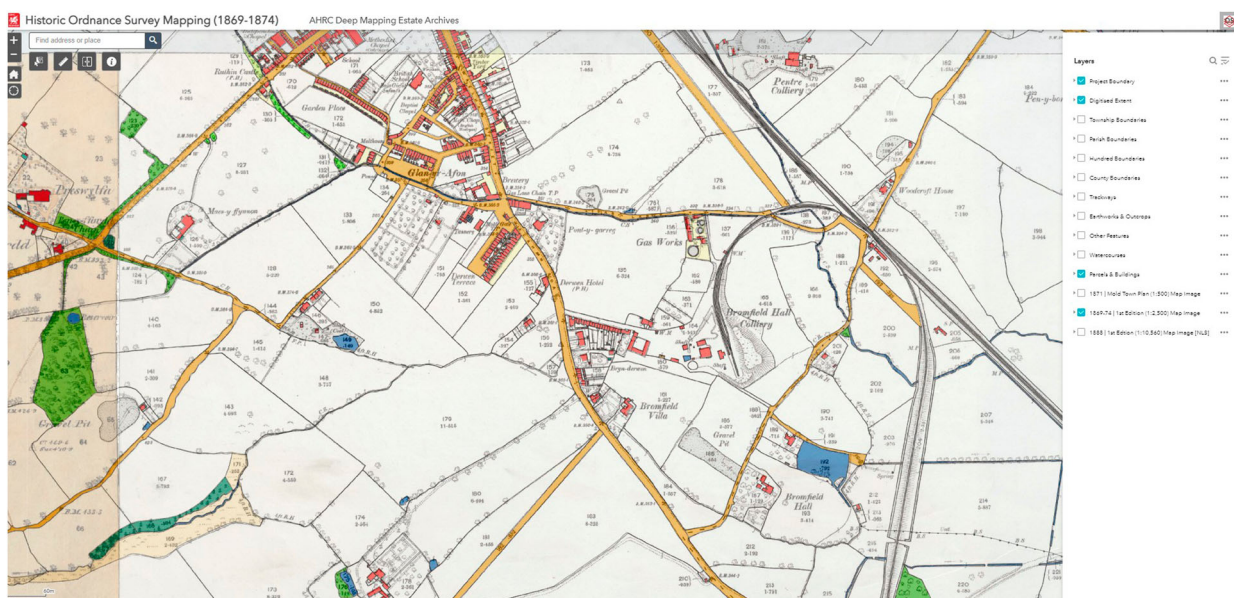


Figure 22. Historic Ordnance Survey Mapping (1869–1874)

UNGGIM GI Framework (2020) and Subject content for digital Functional Skills qualifications (2019).

We offer advice on careers and pathways for progression, supporting and signposting work experience, placements and internships to attract new talent into the industry, with a particular focus on underrepresented groups. We are actively developing new routes through apprenticeships and mapping the landscape of existing opportunities.

We set standards of professional practice, notably on ethics and the Locus Charter (Ethics in Geospatial Data webinars and blog series).

We have an active GI Science Research Group and Professional Practice Groups expert in geospatial. These groups host numerous events and conferences.

We accredit geospatial professionals through the Chartered Geographer scheme, i.e. CGeog (GI) and CGeog (GIS), recognizing expertise and commitment to professional development. We support industry professionals with networking, knowledge exchange, mentoring and resources.

We also celebrate geospatial impact and excellence, through case studies, geovisualizations, and Medals and Awards.

Number: F33

Organization name: Royal Institution of Chartered Surveyors



RICS

Category: Professional Association

Website: <https://www.rics.org>

Email: standards@rics.org

Address:

12 Great George Street
London
SW1P 3AD

Description of Activities

The Royal Institution of Chartered Surveyors (RICS) has concentrated primarily on geospatial practice standards and industry collaboration and policy liaison. We published a new imagery guidance note in late 2021 (Earth Observation and Aerial Surveys (6th edition) Global Guidance Note – see www.rics.org), Boundaries (4th edition) guidance in 2021, a new Drones insight, Land Admin insight and worked closely with colleagues in the geospatial commission on digital data, underground utilities and land planning data policy, and most recently on a post Brexit UK return to the GNSS EGNOS service. We are in the process of updating our 4th edition GNSS guidance note for a 2023 release. We have also

collaborated with our geospatial kin in CICES (Chartered Institution of Civil Engineering Surveyors), AGI (Association for Geographic Information), TSA (The Survey Association) and ICE (Institute of Civil Engineers) on GeoBusiness and cross endorsed each other's output through the geospatial industry liaison group, and with FIG (International Federation of Surveyors)/CLGE (Council of European Geodetic Surveyors)/UNGGIM (United Nations Committee of Experts on Global Geospatial Information Management). RICS has also supported the development and launch of the Level 3 and 6 geospatial apprenticeship qualifications, and we are working with others (e.g. the Royal Geographical Society with IBG) on a Level 7 Geospatial Apprenticeship qualification.

Number: F34

Organization name: Steer



Category: Commercial – Transport Consultancy

Website: <https://www.steergroup.com>

Email: ukinfo@steergroup.com

Address

14–21 Rushworth Street
London
SE1 0RB

Description of Activities

Working across cities, infrastructure and transport, Steer is a global business consultancy providing clients with a commercial and competitive edge.

At Steer, geospatial data informs everything we do – from analysing commuter patterns, to planning transit networks, to delivering user-centred wayfinding and information systems.

Key to our analysis is the importance we put on the outputs of our work. Our analytical techniques find the truth behind the data, and our analysts work closely with our cartography and design experts within our Design for Movement team to ensure deliverables are suitable to the audience and at the forefront of cartographic design.

Our strength lies in understanding how to translate millions of geospatial data points into focused, user-friendly mapping. When the available information becomes overwhelming, our consultants understand how to filter the important features to create bespoke solutions that work world-wide and communicate the story effectively.

Our award-winning team offer our services to both public and private sector clients ranging from local authorities, government and transport agencies to event organizers, stadia, universities, hospitals and retail. We have an excellent working relationship

with technology and data providers, enabling us to advise our clients on new data and technology as well as spatial analytics and insights.

Over the last few years, the Design for Movement team have worked on hugely varied projects such as Panama City new addressing systems, Indian toll

roads, Legible London wayfinding, Bay Area transit, Ontario rail network, Wembley access mapping, Mexico City Nightbus, Brick Lane connectivity strategy, and hundreds more. They also hosted the British Cartographic Society Annual Conference in September 2022 (Figure 23).

Description of Activities



Figure 23. The Islands Centre Island – Toronto Island Park

Number: F35

Organization name: Survey Solutions



Category: Commercial – Survey and Mapping

Website: <https://www.survey-solutions.co.uk>

Email: contactus@survey-solutions.co.uk

Address:

6 Riverside Mews

Paper Mill Lane

Bramford

Ipswich

Suffolk

IP8 4DE

Survey Solutions is a leading engineering surveyor with a network of UK offices. We offer a comprehensive range of services across land, measured buildings, underground and utilities as well as site engineering and monitoring schemes. We work across all UK construction sectors from residential new build to retail, energy to education and transport to healthcare. Plus, our breadth of offer means we can support throughout the project lifecycle – from initial enquiry to final delivery and beyond. Established for 20 years, our team of specialist surveyors and engineers is matched by a rapidly expanding client portfolio, with high rates of repeat business and very positive feedback on the experience of working with us.

Our clients appreciate our ‘thinking’ approach where we advise on the best way to tackle each project before starting work. That may mean using

the latest technology to provide you with the data you need, bringing in a specialist from one of our other cross-disciplinary teams or suggesting an alternative strategy to achieve your objectives.

Whatever the approach, the sector or the project, we will work in close partnership with you to provide survey solutions that not only meet your brief – but surpass expectations too.

Number: F36

Organization name: Tania Willis Illustration & Design

**TANIA
WILLIS**

Category: Commercial – Freelance Design

Website: <https://www.taniawillis.com>

Email: hello@taniawillis.com

I am a map illustrator concerned with visualizing geographic data in a form that is elegant, edited and engaging. I have a global client base that covers a variety of sectors of tourism, retail, travel media, property developers, design groups, place-makers, private estates, heritage, charities, civic bodies and so on. In the last 4 years, I have designed a map for English Heritage, a flexible re-usable map for Berwick Town Council rebranding, a map for a large new development in Thames Barrier Park, London, and a series of 10 destination maps for a US fashion brand (Figure 24).



Figure 24. Map of Berwick-upon-Tweed for English Heritage

Number: F37**Organization name:** The British Library**Category:** Map Library**Website:** <https://www.bl.uk>**Email:** Maps@bl.uk**Address:**

96 Euston Road
London
NW1 2DB

Description of Activities

The British Library Map Library is the national map collection of the United Kingdom, containing over 4 million maps and related cartographic and topographical materials.

The work of the Map Library during the period 2019–2022 was hampered by the effects of the Covid pandemic. British Library premises were closed between March and August 2020, and again between November 2020 and April 2021.

During this time, all efforts were put into delivering content to an online audience. Existing digitized content was fast-tracked for online release. For example, 50,000 images from the George III Topographical Collection were released on the image sharing site Flickr in 2020 and 2021. These were also added to the Library's Georeferencer crowdsourcing tool alongside other digitized maps from the British War Office and India Office Map collections. 3D interactive digital models of the Library's early globes were created and placed online in March 2020.

Despite the pausing of onsite operations in 2020 and 2021, processing work progressed strongly. This included the addition of 97,297 items to the collection since the beginning of the modern map cataloguing project in 2016. Collaborative research projects of various types and sizes were able to continue, including the UKRI-funded Turing Institute 'Living with Machines' for which were digitized 22,000 early Ordnance Survey 25-inch sheets, and the AHRC-funded 'Locating a National Collection'.

Printed and born-digital maps continued to be received through Legal Deposit, the latter including deposits from Ordnance Survey and other private and public sector publishers all made available through the Legal Deposit map viewer. Early map acquisitions included a unique proof state of John Speed's engraved 1611–1612 map of Kent.

British Library maps made a cultural impact through publications, media, loans and exhibitions. For example, Tudor maps were displayed in 'Elizabeth and Mary: Royal Cousins, Rival Queens' (October 2021 to February 2022), and celestial maps formed part of the touring exhibition 'Harry Potter: A History of Magic' (New York and Tokyo, various venues, 2018–2022).

Number: F38**Organization name:** The Charles Close Society for the Study of Ordnance Survey Maps**Category:** Society**Website:** <https://www.charlesclosesociety.org>**Email:** honsec@charlesclosesociety.org**Address:**

c/o The Map Library
The British Library
96 Euston Road
London
NW1 2DB

Description of Activities

The Charles Close Society is for the Study of Ordnance Survey Maps. Founded in 1981, it regularly publishes research works and reproduction maps of the various Ordnance Surveys. It also publishes a regular magazine, *Sheetlines*, with news, views and research into historic mapping of these surveys. Regular meetings and visits to places of map interest are normally held throughout the British Isles.

During pandemic lockdowns, CCS concentrated on presenting online talks and meetings which welcomed non-members too, some jointly with BCS. This helped growth in paid membership, which reached over 700 a year ago. Many previous talks are now available online on the Society's YouTube channel (see <https://www.charlesclosesociety.org/latest>).

Over the past 4 years, preparations continued for several new CCS publications. The first of these, *Ordnance Survey Intermediate Scale Maps* by Roger Hellyer and Richard Oliver, is published this summer, and covers the history and listings of all 1:25,000, 1:20,000 and 1:25,344 scale OS maps, as well as War Office series GSGS (Geographical Section, General Staff) 2748 and 3906. The same team has prepared a study of OS smaller-scale maps (1:100,000 through to 1:1,584,000), incorporating work begun by Chris Board and the late Peter Clark on OS 1:253,440 and 1:126,720 maps, also expanding previous knowledge of inter-war aviation maps. In 2023, the latest 'Map from the past', a high-quality

reproduction of a significant OS map of importance, is *The General Strike Map* (of London, 1926). This map is free to members, but all CCS publications are also available to non-members.

As part of an endowment received from the Society's late founder chairman, a new fund, the Peter Clark Research Award, is offered for providing assistance with expenses in conducting original research into the Ordnance Surveys. This award is also open to non-members.

Membership is open to all and starts from only £15 per year (Figures 25–27).

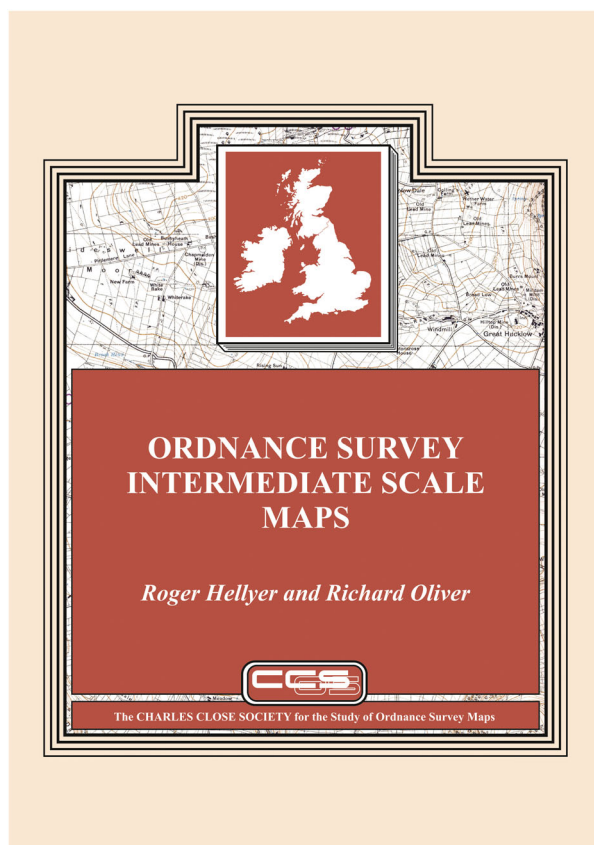


Figure 25. *Ordnance Survey Intermediate Scale Maps* by Roger Hellyer and Richard Oliver

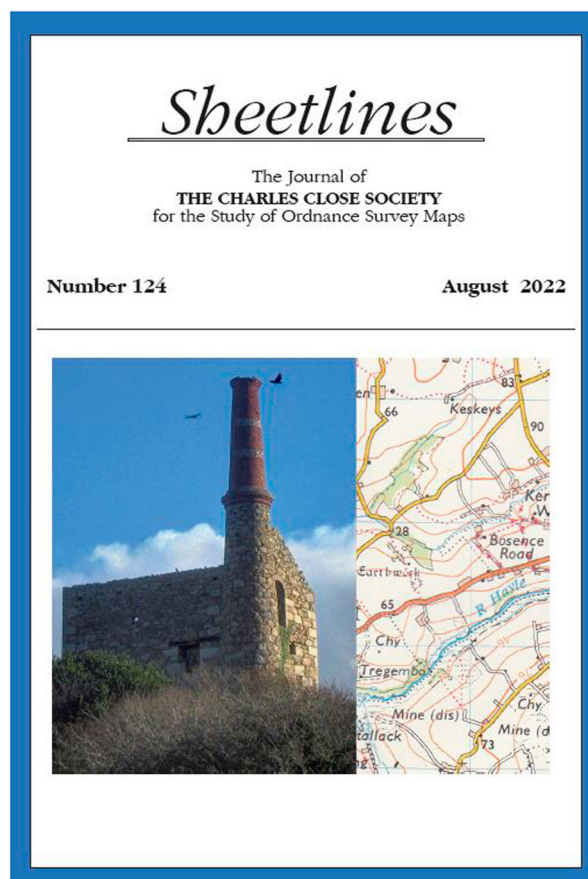


Figure 26. *Sheetlines*, the journal of The Charles Close Society



Figure 27. *The General Strike Map*, the latest in the 'Map from the past' series, produced by Alexander J. Kent

Number: F39

Organization name: The Historic Towns Trust



Category: Charity

Website: <https://www.historictownstrust.uk>

Email: giles.darkes@talktalk.net

Address:

4 Ferry Road

Marston

Oxford

OX3 0ET

Description of Activities

The Historic Towns Trust has continued with an active publishing programme over the past 4 years, with a number of projects reported on in 2019 come to fruition and many more either under way or planned. The principal outputs of the Trust are volumes of the British Historic Towns Atlas (BHTA) and historical sheet maps.

The BHTA is part of a European series of atlases mapping historic towns at consistent and comparable scales, based on a principal map at 1:2,500 with additional maps showing the towns' built-up areas

and buildings at key points in their topographic development. The year 2020 saw the publication of Volume VII, on Oxford, after many years' work. The Trust will produce further volumes, and projects are in planning for Canterbury, Perth, and Ripon, along with an atlas of London in 1666, just before the Great Fire.

The sheet maps we publish are complementary to the atlas volumes; all are at 1:2,500 scale. In the last 4 years, we have published historical maps of Medieval London (London c. 1270–1300), Bristol in 1480, Canterbury, Coventry, Alnwick & Alnmouth, and Beverley, and new editions of the historical map of Oxford and the map of Tudor London (London c. 1520). Maps in preparation and planning include Swansea & Mumbles (English and Welsh editions), Cambridge, Perth, Bath and Ripon.

The Trust undertakes most of the cartography itself, although almost all projects are run in partnership with local organizations who provide the historical information.

The Trust has reviewed its output and plans a considerable expansion, and is embarking on fundraising to do so. The Trust has also presented online lectures to bring its historical maps to a wider public and has redesigned its website. It is also developing educational resources, initially for primary school teachers, using historical and historic maps to enhance the geography and history curricula (Figure 28).

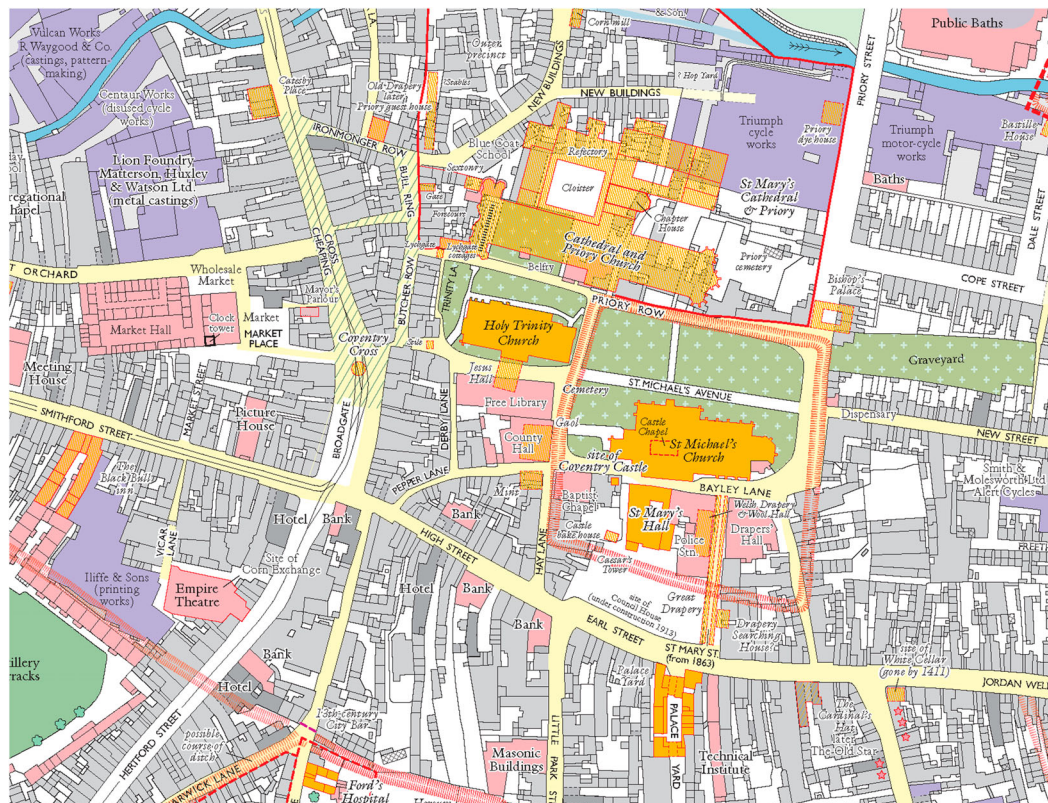


Figure 28. Detail from *An Historical Map of Coventry: From Medieval to Industrial City*

Number: F40**Organization name:** The National Archives**Category:** Map Library**Website:** <https://www.nationalarchives.gov.uk/>**Address:**

The National Archives
Kew
Richmond
TW9 4DU

Description of Activities

There are estimated to be at least 6 million maps and plans at The National Archives of the United Kingdom, which range in date from a fourteenth-century portolan chart to modern maps of recent decades, for places round the world. It holds records of Central Government and the higher law courts; its holdings increase by accessions from these sources. Recent accessions include the Foreign Office Cartographers' maps: 2,354 bespoke maps made to illustrate foreign policy concerns 1875–2003 in record series FCO 18; and maps on files within the Ordnance Survey International Library: International Boundary Archive in OS 62, which includes earlier material from the Colonial Office's Directorate of Colonial Surveys. The National Archives welcomes researchers to look at maps, as other documents.

Many blog posts and activities for education range from a short video with curriculum-based material on a seventeenth-century Wiltshire manuscript map, to postgraduate archival skills: teaching on early modern, overseas and military subjects. Talks, articles and book chapters in the last 4 years range from early modern to international boundary maps, as well as architectural drawings.

Scientific investigation has contributed findings on pigments used in making early Irish maps (Irish map talk video available on YouTube) and on the materiality of Chinese maps among Foreign Office records as part of the AHRC-funded Lima to Canton project using AI to aid the study of globalization through heritage materials.

Number: F41**Organization name:** Transport for the North**Category:** Government – Local**Website:** <https://www.transportfornorth.com/>**Email:** mediarelations@transportfornorth.com**Address:**

2nd Floor
4 Piccadilly Place
Manchester
M1 3BN

Description of Activities

Transport is geospatial. We advise local and national government decision-makers on transport planning and investment.

Our activities include the development of strategies and recommendations. To do this, we need to analyse options or planned transport interventions. This involves geospatial activities and geospatial data analyses and modelling. Transport modelling involves geospatial data, and communicating analyses may require both geospatially summarized data or cartographic outputs.

Number: F42**Organization name:** UCL SpaceTimeLab

SpaceTimeLab

Category: Academic Research Unit**Website:** <https://www.ucl.ac.uk/spacetimelab/>**Email:** tao.cheng@ucl.ac.uk**Address:**

Department of Civil, Environmental and Geomatic Engineering
University College London
Gower Street
London
WC1E 6BT

Description of Activities

SpaceTimeLab's mission is to generate actionable insights from geo-located and time-stamped data for government, business and society. Working with the private and public sectors, SpaceTimeLab uses integrated space–time thinking and a multidisciplinary approach to develop theories, algorithms and platforms to gain insight and foresights from geo-located and time-stamped data, to engineer solutions to improve the mobility, security, health and resilience of urban living (Figure 29).

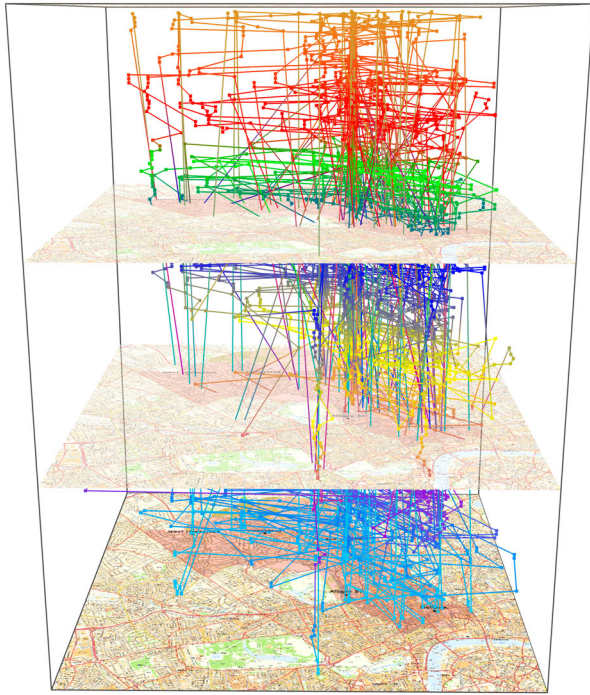


Figure 29. Raw space-time trajectory of Police movement in Camden, London

Number: F43

Organization name: UK Hydrographic Office



UK Hydrographic
Office

Category: Government – Defence

Website: <https://www.admiralty.co.uk>

Email: customerservices@ukho.gov.uk

Address:

Admiralty Way

Taunton

TA1 2DN

Description of Activities

The UK Hydrographic Office (UKHO) is a world-leading centre for hydrography, specializing in marine geospatial data that help others to unlock a deeper understanding of the world's oceans for safety, trade and sustainability.

Supporting Safe Navigation Across the Globe – SOLAS

We provide the most comprehensive global portfolio of SOLAS (Safety of Life at Sea) compliant charts, publications and digital services. Our portfolio of ADMIRALTY Maritime Data Solutions is carried by over 90% of the world's ships trading internationally.

Seabed to Surface

We are a global centre of hydrographic understanding and strive to set and raise global standards of excellence for hydrography and bathymetry. We advocate for the importance of seabed mapping and marine data, which underpins nearly every activity in the ocean space.

Defence

We fulfil the navigation and operational needs of the Royal Navy and all UK Defence vessels for the safety and security of UK waters. We support the UK's Integrated Review of Security, Defence, Development and Foreign Policy and the operations of UK maritime forces and our allies around the globe.

Maritime Ecosystem

We are helping to shape the next generation of navigation solutions. By working together across industry and the latest innovations in digitalization and data science, including the S-100 framework, we can unlock new possibilities for ocean users and help meet their priorities, including decarbonization and voyage optimization.

UK Centre for Seabed Mapping (UK CSM)

In support of a more integrated Marine Geospatial Sector for the UK, both nationally and internationally, we have recently created the UK



Figure 30. Examples of UKHO Data



Figure 31. Examples of UKHO Data

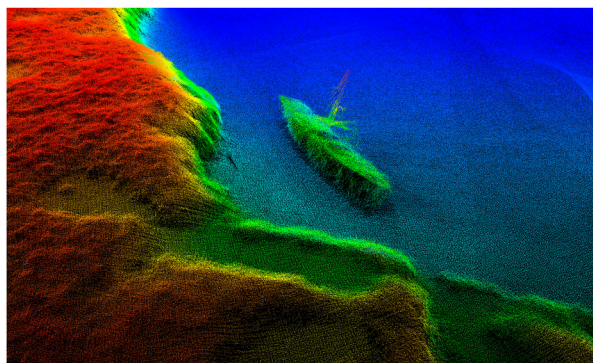


Figure 32. Examples of UKHO Data

CSM, with a core focus on bathymetry and its associated data. Through increased coverage, quality and access of seabed mapping data collected from public money or in collaboration with industry, the UK CSM aims to enable a more unified voice to promote seabed mapping, and the resultant data, as a key part of UK national infrastructure (Figures 30–32).

Number: F44

Organization name: University of Aberdeen



Category: Education

Website: <http://www.abdn.ac.uk/geography>

Email: d.r.green@abdn.ac.uk

Address:

University of Aberdeen

King's College

Aberdeen

AB24 3FX

Description of Activities

Geospatial technologies (School of Geosciences) are a key component of our undergraduate degrees and also a number of postgraduate taught (PGT) degree programmes, most notably the MSc in Geographical Information Systems (GIS) programme, where maps are often the major output from geospatial analyses.

The Geographical Information Systems degree programme, which began in 1987, covers the fundamentals of techniques and tools for acquiring, storing, processing, classifying, analysing, and visualizing spatially referenced data, and their application to the study of the Earth. This includes:

- Spatial databases
- Programming
- Simulation and modelling
- Global Positioning Systems (GPS)
- Digital mapping and cartography
- Airborne, satellite and UAV remote sensing
- Digital image processing
- Geographical Information Systems (GIS)
- WebGIS and Internet atlases
- Field data capture
- Mobile GIS.

Many of our academic and research staff in the School of Geosciences – Geography, Geology and Archaeology – continue to make widespread use of GIS, remote sensing (including unmanned aerial vehicles or drones) and field mapping as the basis for creating both digital and hardcopy maps and geovisualizations as part of their teaching, research and consultancy work.

Cartography is taught as part of the Introduction to GIS module, including coverage of the fundamentals of map design for traditional cartography, GIS and WebGIS.

The School also has two Cartography Technicians who provide support for academic staff where professional maps are required for journal and book publications.

In association with the East Grampian Coastal Partnership (EGCP Ltd), we have recently created a series of four maps – the Discover Maps Project (see www.egcp.scot/discover-maps). We have developed a new and unique series of graphical maps covering the Aberdeen and Aberdeenshire coast. These maps contain a wealth of interesting information about the coast, including the people, history, environment and activities that make the north east of Scotland coastline special (Figure 33).



Figure 33. Discover Maps – Exploring the Mearns Coast

Number: F45

Organization name: University of Portsmouth Library



Category: Map Library

Website: <https://library.port.ac.uk>

Email: library@port.ac.uk

Address:

University Library
Cambridge Road
PO1 2ST

Description of Activities

The Map Library at the University of Portsmouth holds a collection of approximately 20,000 maps, stored in 172 map drawers and 9 vertical plan chests.

The collection was originally created in the 1960s and moved to a purpose-built Map Library in the Department of Geography in 1973. The whole collection relocated to a brand-new Resources Centre in 1996, where it served the Faculty of the Environment. A change to the University's faculty structure in 2007 meant that the Map Library had to find a new home and, after reducing the collection size by half, it was transferred to the University Library, where it now forms part of the Special Collections. The majority of users come from the Faculty of Creative and Cultural Industries (Architecture, Illustration), the School of the Environment, Geography and Geosciences, and the Faculty of Technology (Civil Engineering, Property Development).

The Map Library holds an extensive collection of topographic and thematic mapping for the UK, together with mid to late twentieth century mapping for parts of Europe. However, the focus of collection management is now almost entirely devoted to historic mapping of Portsmouth and the surrounding

area. This includes an almost complete collection of Ordnance Survey County Series 1:2,500 and 1:10,560 maps of Hampshire and the Isle of Wight, plus 1:500 OS Town Plans of Portsmouth. Since the onset of the pandemic, more time is being devoted to the disposal of unused maps and sourcing good-quality mapping that can be accessed online.

The Map Library is equipped with a large format scanner that provides digital copies for both students and, by appointment, external users. The scanner has also been used since 2015 in an ongoing project to digitize our growing collection of nineteenth and early twentieth century US railroad maps (Figure 34).



Figure 34. Map collection example – North America

Number: F46

Organization name: School of Geography,
University of Nottingham



Category: Education

Website: <https://www.nottingham.ac.uk/geography>

Email: elaine.watts@nottingham.ac.uk

Address:

School of Geography
Sir Clive Granger Building
University of Nottingham
University Park
Nottingham
NG7 2RD

Description of Activities

Cartographic principles form part of the core undergraduate 'Introduction to GIS' module in the School of Geography, reinforced by practical exercises using ArcGIS Online. Cartographic design is a criterion used to assess the interactive wellbeing maps of campus created by students as part of this module. The second-year 'Dissertation Preparation' module includes a section on cartographic principles, including input from the School Cartographer. The 'Spatial Decision Making' module in year 2 includes content related to the effective graphical communication of GIS outputs and this forms part of a group assessment focusing on a site suitability exercise. In the final year, the 'Geospatial Technologies' module looks at geovisualizations

beyond desktop GIS including mobile mapping and augmented reality. GIS is also used on several fieldtrips and techniques modules both in physical and human geography.

Examples of the use of geospatial technology elsewhere in the University are the School of Architecture and the Built Environment which makes great use of large-scale mapping through the Edina Digimap Service. Also, there is an increasing interest in the use of geospatial technologies in the humanities both in teaching and to support research.

An example of the use of geospatial technologies in a research context is the 'Rights Lab' where a combination of satellite data, image analysis and artificial intelligence is mapping the risk and prevalence of modern slavery. The Nottingham Geospatial Institute has partnered with Newcastle University to form the EPSRC Centre for Doctoral Training (CDT) in Geospatial Systems.

Within the School of Geography research includes the historical and cultural aspects of cartography along with some new innovations such as the Projection Augmented Relief Model (PARM) technique. PARM explores the ways 3D printed landscape models can be dynamically textured through maps and imagery in a range of public contexts (Figures 35–36).



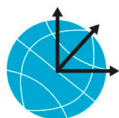
Figure 35. PARM display



Figure 36. Map collection gallery of examples

Number: F47

Organization name: XYZ Maps



Category: Commercial – Mapping Services

Website: <https://www.xyzmaps.com>

Email: sales@xyzmaps.com

Address:

32/9 Hardengreen Business Park

Dalhousie Road

Dalkeith

Midlothian

EH22 3NX

Description of Activities

Publishers of a large range of retail and business maps covering the UK and other parts of the world, XYZ Maps are also the UK distributors for the Avenza Systems map-making software and Precisely MapInfo Pro (Figure 37).

SECTION 2: HIGHER EDUCATION COURSES**Number:** E1**Organization name:** Aberystwyth University**Course:** MSc Remote Sensing and GIS FT/PT**Website:** <https://www.aber.ac.uk/>**Address:**

Penglais
Aberystwyth
Ceredigion
SY23 3FL

Number: E2**Organization name:** Birkbeck College, University of London**Course:** MSc Geographic Information Science (Geographic Data Science) FT/PT**Website:** <https://www.bbk.ac.uk/>**Address:**

Malet Street
Bloomsbury
London
WC1E 7HX

Number: E3**Organization name:** Cranfield University**Course:** MSc Geographical Information Management FT/PT**Website:** <https://www.cranfield.ac.uk/>**Address:**

College Road
Cranfield
MK43 0AL

Number: E4**Organization name:** Liverpool John Moores University**Course:** MSc Climate change and sustainability FT**Website:** <https://www.ljmu.ac.uk/>**Email:** studentfutures@ljmu.ac.uk**Address:**

Copperas Hill
Liverpool
L3 5GE
or
James Parson Building
Liverpool
L3 3AF

Number: E5**Organization name:** Newcastle University, School of Engineering**Courses:** BSc Geographic Information Science FT
BSc Geospatial Surveying and Mapping FT**Website:** <http://www.ncl.ac.uk>**Email:** david.fairbairn@newcastle.ac.uk**Address:**

Newcastle University
Newcastle upon Tyne
NE1 7RU

Number: E6**Organization name:** Sheffield Hallam University**Course:** MSc Geographical Information Systems FT/PT**Website:** <https://www.shu.ac.uk/>**Address:**

City Campus
Howard Street
Sheffield
S1 1WB

Number: E7**Organization name:** Swansea University**Course:** MSc Geographic Information Systems and Climate Change FT/PT**Website:** <https://www.swansea.ac.uk>**Address:**

Singleton Park
Swansea
SA2 8PP
or
Bay Campus
Fabian Way
Crymlyn Burrows
Swansea
SA1 8EN

Number: E8**Organization name:** The University of Edinburgh**Courses:** MSc Earth Observation and Geoinformation Management FT/PT

MSc Geographical Information Science FT/PT

Website: <https://www.ed.ac.uk/>**Address:**

Institute of Geography
Drummond Street
Central Campus
Edinburgh
EH8 9XP

Number: E9**Organization name:** The University of Manchester**Course:** MSc Geographical Information Science FT/PT**Website:** <https://www.manchester.ac.uk/>**Address:**

Oxford Road
Manchester
M13 9PL

Number: E10**Organization name:** Ulster University**Courses:** PgDip and MSc in Geographic Information Systems FT/PT Online only

PgDip and MSc in Remote Sensing Geographical Information Systems PT Online only

Website: <https://www.ulster.ac.uk/>**Address:**

2–24 York Street

Belfast

BT15 1AP

or

Cromore Road

Coleraine

BT52 1SA

Number: E11**Organization name:** University College London (UCL)**Courses:** MSc Geographic Information Science FT/PT

MSc Geospatial Analysis/Social and Geographic Data Science FT/PT

MSc Geospatial Sciences FT/PT

MSc Geospatial Sciences (Building Information Modelling) FT/PT

Website: <https://www.ucl.ac.uk>**Address:**

Gower Street

London

WC1E 6BT

Number: E12**Organization name:** University of Aberdeen**Course:** MSc Geographical Information Systems FT/PT/E-learning**Website:** <http://www.abdn.ac.uk/geography>**Email:** d.r.green@abdn.ac.uk**Address:**

University of Aberdeen

King's College

Aberdeen

AB24 3FX

Number: E13**Organization name:** University of Brighton**Course:** MSc and PG Diploma in GIS and Environmental Management FT/PT**Website:** <https://www.brighton.ac.uk>**Address:**

Mithras House

Lewes Road

Brighton

BN2 4AT

Number: E14**Organization name:** University of East London**Course:** BSc Surveying and Mapping Sciences FT/PT**Website:** <https://www.uel.ac.uk/>**Address:**

University Way

London

E16 2RD

Number: E15**Organization name:** University of Glasgow**Courses:** MSc and PgDip Geoinformation Technology and Cartography FT/PT

MSc Geomatics and Management FT

Website: <https://www.gla.ac.uk/>**Address:**

University of Glasgow

Glasgow

G12 8QQ

Number: E16**Organization name:** University of Leeds**Courses:** MSc Geographical Information Systems FT/PT

MSc Geographical Information Science E-learning only

Website: <https://www.leeds.ac.uk/>**Email:** study@leeds.ac.uk**Address:**

University of Leeds

Leeds

LS2 9JT

Number: E17**Organization name:** University of Leicester**Course:** MSc Geographical Information Science FT/PT**Website:** <https://le.ac.uk>**Email:** admissions@le.ac.uk**Address:**

University Road

Leicester

LE1 7RH

Number: E18**Organization name:** University of Liverpool**Course:** MSc in Geographic Data Science FT**Website:** <https://www.liverpool.ac.uk>**Email:** irro@liverpool.ac.uk**Address:**

Foundation Building

Brownlow Hill

Liverpool

L69 7ZX

Number: E19**Organization name:** University of Portsmouth**Course:** MSc Geographical Information Systems FT/PT

Website: <https://www.port.ac.uk/>

Email: myport@port.ac.uk

Address:

University House
Winston Churchill Avenue
Portsmouth
Hampshire
PO1 2UP

Number: E20

Organization name: University of Sheffield

Course: MSc Applied Geographical Information
Systems (GIS) FT

Website: <https://www.sheffield.ac.uk/>

Address:

The University of Sheffield
Western Bank
Sheffield
S10 2TN

Number: E21

Organization name: University of Southampton

Course: MSc Applied Geographical Information
Systems and Remote Sensing FT

Website: <https://www.southampton.ac.uk/>

Email: enquiries@southampton.ac.uk

Address:

University Road
Southampton
SO17 1BJ

SECTION 3: SUMMARY ENTRIES**Number:** S1**Organization name:** 135 Geographic Squadron**Category:** Defence**Website:** <https://www.facebook.com/135GeoSqn>**Email:** 42Engr-135SqnPSAO@mod.uk**Address:**

Mercator House
 Welbeck Close
 London Road
 Ewell
 Surrey
 KT17 2BG

Number: S2**Organization name:** 1spatial**Category:** Commercial – Mapping Solutions**Website:** <https://1spatial.com/>**Email:** via website <https://1spatial.com/contact-us/>**Address:**

Tennyson House
 Cambridge Business Park
 Cambridge
 CB4 0WZ

Number: S3**Organization name:** 3D Laser Scanning**Category:** Commercial – 3D Data Solutions**Website:** <https://www.3dlasermapping.com/>**Email:** info@3dlasermapping.com**Address:**

Innovation House
 Mere Way
 Ruddington Fields Business Park
 Nottingham
 NG11 6JS

Number: S4**Organization name:** 4 Earth Intelligence**Category:** Commercial – Remote Sensing**Website:** <https://www.4earthintelligence.com/>**Email:** info@4earthintelligence.com**Address:**

4 Earth Intelligence
 Unit 1
 Kings Court
 Little King St
 Bristol BS1 4HW

Number: S5**Organization name:** 42 Engineer Regiment (Geographic)**Category:** Defence**Website:**

<https://www.army.mod.uk/who-we-are/corps-regiments-and-units/corps-of-royal-engineers/42-engineer-regiment-geographic/>

Address:

42 Engineer Regiment (Geographic)
 RAF Wyton
 Huntingdon
 Cambridgeshire
 PE28 2EA

Number: S6**Organization name:** Aberystwyth University**Category:** Education**Website:** <https://www.aber.ac.uk/>**Address:**

Penglais
 Aberystwyth
 Ceredigion
 SY23 3FL

Number: S7**Organization name:** AccuCities**Category:** Commercial – 3D Data Supplier**Website:** <https://www.accucities.com/>**Address:**

71–75 Shelton Street
 Covent Garden
 London
 WC2H 9JQ

Number: S8**Organization name:** AddressCloud**Category:** Commercial – Addressing**Website:** <https://addresscloud.com/>**Email:** sales@addresscloud.com**Address:**

50–60 Station Road
 Cambridge
 CB1 2JH

Number: S9**Organization name:** Airbus**Category:** Commercial – Defence and Space**Website:** <http://www.intelligence-airbusds.com/>**Email:** Via website**Address:**

Wellington House
 125–130 Strand
 London
 WC2R 0AP

Number: S10**Organization name:** Amberg Technologies**Category:** Commercial – Consultancy**Website:** <https://ambergtechnologies.com/>**Email:** <http://www.sccsurvey.co.uk/>**Address:**

Alpha House
 Alpha Park

Eaton Socon
St Neots
Cambridgeshire
PE19 8JJ

Number: S11

Organization name: Applications in CADD

Category: Commercial – Software

Website: <https://appsincadd.co.uk/>

Address:

21 Britannia Street
Shepshed
Leicestershire
LE12 9AE

Number: S12

Organization name: Argans

Category: Commercial – Remote Sensing

Website: <https://argans.co.uk/>

Email: enquiries@argans.co.uk

Address:

Chamberlain House
1 Research Way
Plymouth
PL6 8BU

Number: S13

Organization name: Arpas-UK

Category: Professional Association

Website: <https://www.arpas.uk/>

Email: graham.brown@arpas.uk

Address:

71–75 Shelton Street
Covent Garden
London
WC2H 9JQ

Number: S14

Organization name: Ashworth Maps and Interpretation

Category: Commercial – Mapping

Website: <http://www.ashworthmaps.co.uk/>

Email: enquiries@ashworthmaps.co.uk

Address:

Ashworth Maps and Interpretation Ltd
68 St Mary's Road
Bishopbriggs
Glasgow
G64 2EF

Number: S15

Organization name: The Association for Geographic Information (AGI)

Category: Professional Association

Website: <https://www.agi.org.uk/>

Email: info@agi.org.uk

Number: S16

Organization name: Astun Technology

Category: Commercial – Solutions Provider

Website: <https://www.astuntechnology.com/>

Email: Via website

Address:

120 Manor Green Road
Epsom
Surrey
KT19 8LN

Number: S17

Organization name: Autodesk

Category: Commercial – Software

Website: <https://www.autodesk.co.uk/>

Number: S18

Organization name: Avineon

Category: Commercial – Service Provider

Website: <https://www.avineon.com/>

Email: uk@avineon.com

Address:

2 Minton Place
Victoria Road
Bicester
Oxfordshire
OX26 6QB

Number: S19

Organization name: AVUXI

Category: Commercial – Location Services

Website: <https://www.avuxi.com/>

Email: Via website

Address:

Unit 6 Queens Yard
White Post Lane
London
E9 5EN

Number: S20

Organization name: BAE Systems

Category: Commercial – Software

Website: <https://www.baesystems.com/gxp>

Email: gxpsales.emea@baesystems.com

Number: S21

Organization name: Bing

Category: Commercial – Online Mapping Solutions

Website: <https://www.bing.com/>

Address:

Microsoft UK Head Office
2 Kingdom Street
Paddington
London
W2 6BD

Number: S22**Organization name:** Birkbeck College, University of London**Category:** Education**Website:** <https://www.bbk.ac.uk/>**Address:**

Malet Street

Bloomsbury

London

WC1E 7HX

Number: S23**Organization name:** Bluesky International**Category:** Commercial – Aerial Survey**Website:** <https://www.bluesky-world.com/>**Email:** info@bluesky-world.com**Address:**

The Station

Station Road

Ashby-De-La-Zouch

Leicestershire

LE65 2AS

Number: S24**Organization name:** Bodleian Libraries, University of Oxford**Category:** Map Library**Website:** <https://www.bodleian.ox.ac.uk>**Email:** maps@bodleian.ox.ac.uk**Address:**

Bodleian Libraries

Broad Street

Oxford

OX1 3BG

Number: S25**Organization name:** British Antarctic Survey**Category:** Research Organization**Website:** <https://www.bas.ac.uk/>**Email:** information@bas.ac.uk**Address:**

British Antarctic Survey

High Cross

Madingley Road

Cambridge

CB3 0ET

Number: S26**Organization name:** British Geological Survey**Category:** Research Organization**Website:** <http://www.bgs.ac.uk>**Email:** enquiries@bgs.ac.uk**Address:**

Nicker Hill

Keyworth

Nottinghamshire

NG12 5GG

Number: S27**Organization name:** British Association of Remote Sensing Companies (BARSC)**Category:** Professional Association**Website:** <https://www.barsc.org.uk/>**Number:** S28**Organization name:** Cadcorp**Category:** Commercial – Software**Website:** <https://www.cadcorp.com/>**Email:** cadcorp@cadcorp.com**Address:**

Sterling Court

Norton Road

Stevenage

Hertfordshire

SG1 2JY

Number: S29**Organization name:** Cadline**Category:** Commercial – Software**Website:** <https://cadline.co.uk/>**Email:** sales@cadline.co.uk**Number:** S30**Organization name:** Carlson**Category:** Commercial – Software**Website:** <https://www.carlsonsw.com/>**Email:** lasermeasurement@carlsonsw.com**Address:**

Halifax House/Unit 2

Tockwith

York

YO26 7QP

Number: S31**Organization name:** Cambridge University Library
Map Department**Category:** Map Library**Website:** <https://www.lib.cam.ac.uk/collections/departments/maps>**Email:** maps@lib.cam.ac.uk**Address:**

Map Department

Cambridge University Library

West Road

Cambridge

CB3 9DR

Number: S32**Organization name:** CDR Group**Category:** Commercial – Software Supplier**Website:** <https://www.cdrgroup.co.uk>**Email:** sales@cdrgroup.co.uk**Address:**

Eccles House

Eccles Lane

Hope
Hope Valley
S33 6RW

Number: S33

Organization name: Carto

Category: Commercial – Online Mapping Solution

Website: <https://carto.com/>

Number: S34

Organization name: Cartopicts

Category: Commercial – Freelance Cartographer/
Designer

Website: <https://www.cartopicts.com/>

Email: cartopicts@gmail.com

Number: S35

Organization name: CGG

Category: Commercial – Remote Sensing Solutions

Website: <https://www.cgg.com/>

Email: Via website

Address:

Crompton Way
Manor Royal Estate
Crawley
East Sussex

Number: S36

Organization name: Communicarta

Category: Commercial – Transport Mapping

Website: <https://www.communicarta.com/>

Email: marketing@communicarta.com

Address:

Chancery Court
Lincolns Inn
Lincoln Road
Buckinghamshire
HP12 3RE

Number: S37

Organization name: COPTRZ

Category: Commercial – Drone Survey

Website: <https://coptrz.com/>

Address:

1st Floor Phoenix House
3 South Parade
Leeds
LS1 5QX

Number: S38

Organization name: Correvate

Category: Commercial – Online Solution

Website: <https://vercator.com/>

Email: enquiries@vercator.com

Address:

Correvate Ltd.
190 Clarence Gate Gardens
London
NW1 6AD

Number: S39

Organization name: Cosmographics

Category: Commercial – Mapping Services

Website: <https://www.cosmographics.co.uk>

Email: alangrimwade@cosmographics.co.uk

Address:

Monaco House
Unit 1 Monaco Works
Station Road
Kings Langley
Hertfordshire
WD4 8LQ

Number: S40

Organization name: Coventry City Council

Category: Government – Local

Website: <https://www.coventry.gov.uk>

Email: enquiries@coventry.gov.uk

Number: S41

Organization name: Cranfield University

Category: Education

Website: <https://www.cranfield.ac.uk/>

Address:

College Road
Cranfield
MK43 0AL

Number: S42

Organization name: Cyclomedia

Category: Commercial – Data Collection

Website: <https://www.cyclomedia.com/>

Email: info@cyclomedia.nl

Number: S43

Organization name: Dartcom

Category: Commercial – Remote Sensing Hardware

Website: <https://www.dartcom.co.uk/>

Email: info@dartcom.co.uk

Address:

Powdermills
Postbridge
Yelverton
Devon
PL20 6SP

Number: S44

Organization name: David Locke Associates

Category: Commercial – Consultancy

Website: <https://www.davidlock.com>

Email: mail@davidlock.com

Address:

50 North Thirteenth Street
Central Milton Keynes
Buckinghamshire
MK9 3BP

Number: S45

Organization name: Defence Geographic Centre

Category: Defence

Address:

Elmwood Avenue
Feltham
TW13 7AH

Number: S46

Organization name: Dennis Maps

Category: Commercial – Printing

Website: <https://www.dennismaps.co.uk>

Email: enquiries@dennismaps.co.uk

Address:

Unit 2
Grove Lane
Frome
Somerset
BA11 4AT

Number: S47

Organization name: Digimap

Category: Education – Map Service

Website: <https://digimap.edina.ac.uk/>

Address:

Service provided by The University of Edinburgh

Number: S48

Organization name: Dorset Land Surveying

Category: Commercial – Surveying

Website: <http://www.dorsetland.co.uk/>

Email: office@dorsetland.co.uk

Address:

Dorset Land Surveying
Rosemary Cottage
419 Wimborne Road East
Ferndown
Dorset
BH22 9LZ

Number: S49

Organization name: DVDMaps

Category: Commercial – Mapping Services

Website: <https://www.dvdmaps.co.uk>

Email: david@dvdmaps.co.uk

Number: S50

Organization name: earthi

Category: Commercial – Remote Sensing

Website: <https://earth.space/>

Email: info@earth.co.uk

Address:

Earth-i Ltd
40 Occam Road
Surrey Research Park
Guildford
Surrey
GU2 7YG

Number: S51

Organization name: Edward Stanford

Category: Commercial – Retail

Website: <https://www.stanfords.co.uk> and www.bookharbour.com

Email: sales@stanfords.co.uk

Address:

7 Mercer Walk
Covent Garden
London
WC2H 9FA

Number: S52

Organization name: EIVA

Category: Commercial – Off-shore Surveying

Website: <https://www.eiva.com/>

Email: eiva@eiva.com

Address:

173 North Deeside Road
Peterculter
Aberdeen
AB14 0UJ

Number: S53

Organization name: Emapsite

Category: Commercial – Online Mapping Solutions

Website: <https://www.emapsite.com/>

Email: CustomerSupport@emapsite.com

Address:

Building A2 (Office 1052)
Cody Technology Park
Old Ively Road
Farnborough
GU14 0LX

Number: S54

Organization name: Environment Systems

Category: Commercial – Consultancy

Website: <https://www.envsys.co.uk/>

Email: Via website

Address:

9 Cefn Llan Science Park
Aberystwyth
Ceredigion
SY23 3AH

Number: S55

Organization name: eosphere

Category: Commercial – Remote Sensing

Website: <http://eosphere.co.uk/>

Email: info@eosphere.co.uk

Number: S56

Organization name: ESPRC

Category: Graduate Training

Website: <https://gow.epsrc.ukri.org>

Address:

Newcastle University

Newcastle upon Tyne

NE1 7RU

Number: S57

Organization name: Esri UK

Category: Commercial – Software

Website: <https://www.esriuk.com/en-gb/home>

Email: sales@esriuk.com

Address:

Millennium House

65 Walton Street

Aylesbury

Buckinghamshire

HP21 7QG

Number: S58

Organization name: Europa Technologies

Category: Commercial – Geospatial Solutions

Website: <https://www.europa.uk.com/>

Email: info@europa.uk.com

Address:

Coveham House

Downside Bridge Road

COBHAM

Surrey

KT11 3EP

Number: S59

Organization name: ESA

Category: Commercial – Space Solutions

Website: <https://www.esa.int/>

ECSAT United Kingdom contact:

+ 44 (0)1235 444 200

Number: S60

Organization name: Faro

Category: Commercial – Surveying

Website: <https://www.faro.com/en>

Email: support.emea@faro.com

Address:

Unit A

Parcel X Change House

1 Great Central Way

Rugby

Warwickshire

CV21 3XH

Number: S61

Organization name: Fischer German

Category: Commercial – Consultancy

Website: <https://www.fishergerman.co.uk/>

Address:

Ivanhoe Office Park

Ivanhoe Park Way

Ashby de la Zouch

Leicestershire

LE65 2AB

Number: S62

Organization name: Friendly Guides

Category: Commercial – Mapping

Website: <https://www.friendly-guides.uk/>

Email: Via website

Address:

1 St Mary's Terrace

Penzance

Cornwall

TR18 4DZ

Number: S63

Organization name: Fugro

Category: Commercial – Surveying Equipment

Website: <https://www.fugro.com/>

Address:

Fugro House

Hithercroft Road

Wallingford

OX10 9RB

Number: S64

Organization name: G2 Survey

Category: Commercial – Surveying Equipment

Website: <https://g2survey.com/>

Email: sales@g2survey.com

Address:

Unit 7

Theale Lakes Business Park

Moulden Way

Theale

Reading

RG7 4GB

Number: S65

Organization name: Garsdale Design

Category: Commercial – 3D Design

Website: <https://www.garsdaledesign.co.uk/>

Email: info@garsdaledesign.co.uk

Address:

High Branthwaites

Garsdale Road

Frostrow

Sedbergh

LA10 5JR

Number: S66**Organization name:** Geo Smart Decisions**Category:** Commercial – Geospatial Solutions**Website:** <https://geosmartdecisions.co.uk/>**Email:** crona.hodges@geosmartdecisions.co.uk**Address:**

Crud yr Awel
 Abergynolwyn
 Tywyn
 Gwynedd
 LL36 9UT

Number: S67**Organization name:** GEOCENTO**Category:** Commercial – Remote Sensing Imagery Supplier**Website:** <https://geocento.com/>**Email:** Via website**Address:**

R103 Building
 Harwell Campus
 Didcot
 Oxfordshire
 OX11 0QX

Number: S68**Organization name:** Geoconnexion**Category:** Commercial – Magazine Publisher**Website:** <https://www.geoconnexion.com/>**Email:** mickiknight@geoconnexion.com**Address:**

PO Box 282
 Newmarket
 Suffolk
 CB8 1HE

Number: S69**Organization name:** GeoDirectory**Category:** Commercial – Data Supply Solution**Website:** <https://wpgeodirectory.com/>**Number:** S70**Organization name:** GeoHistoric**Category:** Commercial – Consultancy**Website:** <https://www.geohistoric.co.uk/>**Email:** advice@geohistoric.co.uk**Address:**

112 High Street
 Balsham
 Cambridge
 CB21 4EP

Number: S71**Organization name:** Geomatrix**Category:** Commercial – Geophysical Solutions**Website:** <https://www.geomatrix.co.uk/>**Email:** sales@geomatrix.co.uk**Address:**

20 Eden Way
 Pages Industrial Park
 Leighton Buzzard
 Bedfordshire
 LU7 4TZ

Number: S72**Organization name:** GEO.ME**Category:** Commercial – Online Mapping Solutions**Website:** <https://www.geo.me/>**Email:** Via website**Address:**

30 Stamford Street
 London
 SE1 9LQ

Number: S73**Organization name:** GeoSLAM**Category:** Commercial – Geospatial Data Solutions**Website:** <https://geoslam.com/>**Email:** info@geoslam.com**Address:**

Innovation House
 Mere Way
 Ruddington
 Nottingham
 NG11 6JS

Number: S74**Organization name:** Geospatial Commission**Category:** Government**Website:** <https://www.gov.uk/government/organizations/geospatial-commission>**Email:** allanah.ashdown@cabinetoffice.gov.uk**Address:**

10 South Colonnade
 London
 E14 4PU

Number: S75**Organization name:** Geovation**Category:** Commercial – Geospatial Innovation Hub**Website:** <https://geovation.uk/>**Address:**

Sutton Yard
 4th Floor
 65 Goswell Road
 London
 EC1V 7EN

Number: S76**Organization name:** Get Kids into Survey**Category:** Charity**Website:** <https://www.getkidsintosurvey.com/>

Number: S77**Organization name:** Getmapping**Category:** Commercial – Aerial Imagery**Website:** <https://www.getmapping.com/>**Email:** sales@getmapping.com**Address:**

FLEET 27

Rye Close

Fleet

Hampshire

GU51 2UH

Number: S78**Organization name:** GIS247**Category:** Commercial – Training**Website:** <https://www.gis247.com/>**Email:** Via website**Number:** S79**Organization name:** GIS Cloud**Category:** Commercial – Online Data Solution**Website:** <https://www.giscloud.com/>**Email:** info@giscloud.com**Address:**

107 Cheapside

London

EC2V 6DN

Number: S80**Organization name:** Global Surface Intelligence**Category:** Commercial – Remote Sensing**Website:** <https://www.surfaceintelligence.com/>**Email:** info@surfaceintelligence.com**Address:**

Suite 2

Ground Floor

Orchard Brae House

30 Queensferry Road

Edinburgh

EH4 2HS

Number: S81**Organization name:** Government Geography**Profession****Category:** Government**Website:** <https://www.gov.uk/government/organizations/government-geography-profession> and <https://members.geography.gov.uk/>**Email:** govheadgeog@defra.gov.uk**Address:**

Contact through Geospatial Commission (F16)

Number: S82**Organization name:** Handheld UK**Category:** Commercial – Hardware Supplier**Website:** <https://www.handheldgroup.com/>**Address:**

Althorpe Enterprise Hub

Althorpe Street

Royal Leamington Spa

Warwickshire

CV31 2GB

Number: S83**Organization name:** HarperCollins Publishers UK**Category:** Commercial – Mapping Services**Website:** <http://www.harpercollins.co.uk>**Email:** collins.reference@harpercollins.co.uk**Address:**

103 Westerhill Road

Bishopbriggs

Glasgow

G64 2QT

Number: S84**Organization name:** Harvey Map Services**Category:** Commercial – Mapping**Website:** <https://www.harveymaps.co.uk/>**Email:** Via website**Address:**

12–22 Main Street

Doune

Scotland

FK16 6BJ

Number: S85**Organization name:** Heliguy**Category:** Commercial – Drone Survey**Website:** <https://www.heliguy.com/>**Number:** S86**Organization name:** Helyx**Category:** Commercial – Information Services**Website:** <http://www.helyx.co.uk/>**Email:** enquiries@helyx.co.uk**Address:**

Unit 2 Hanley Court

Brockridge Business Park

Twynning

Tewkesbury

Gloucestershire

GL20 6FE

Number: S87**Organization name:** Here**Category:** Commercial – Mapping and Location Data**Website:** <http://www.here.com/>**Email:** Via Website**Address:**

4 Kingdom Street

Paddington

London

W2 6BD

Number: S88**Organization name:** Hexagon**Category:** Commercial – Software and Solutions**Website:** <https://hexagon.com/>**Number:** S89**Organization name:** Historic England**Category:** Government**Website:** <https://historicengland.org.uk/>**Email:** customers@HistoricEngland.org.uk**Address:**

4th Floor

Cannon Bridge House

25 Dowgate Hill

London

EC4R 2YA

Number: S90**Organization name:** Imray**Category:** Commercial – Nautical Charts**Website:** <https://www.imray.com/>**Email:** Via website**Address:**

Wych House

The Broadway

St Ives

Cambridgeshire

PE27 5BT

Number: S91**Organization name:** isardSAT**Category:** Commercial – Remote Sensing Solutions**Website:** <https://www.isardsat.co.uk/>**Email:** info@isardsat.cat**Address:**

40 Occam Road

The Surrey Research Park

Guildford

Surrey

GU2 7YG

Number: S92**Organization name:** Isle of Man Survey Mapping Service**Category:** Government**Website:** <https://categories/planning-and-building-control/mapping/>**Email:** mapping@gov.im**Address:**

Department of Infrastructure

Highway Services

Sea Terminal Building

Douglas

Isle of Man

Number: S93**Organization name:** John Rylands Map Library, University of Manchester**Category:** Map Library**Website:** <https://www.library.manchester.ac.uk/rylands>**Email:** uml.special-collections@manchester.ac.uk.**Address:**

John Rylands Research Institute and Library

150 Deansgate

Manchester

M3 3EH

Number: S94**Organization name:** KOREC**Category:** Commercial – Survey Equipment**Website:** <https://www.korecgroup.com/>**Email:** Via website**Address:**

Mensura House

Blackstone Road

Huntingdon

Cambridgeshire

PE29 6EH

Number: S95**Organization name:** L3Harris**Category:** Commercial – Software Solutions**Website:** <https://www.l3harrisgeospatial.com/>**Email:** uksales@L3Harris.com**Address:**

Venture House

2 Arlington Square

Downshire Way

Bracknell

Berkshire

RG12 1WA

Number: S96**Organization name:** Landmark Information Group**Category:** Commercial – Data Supplier**Website:** <https://www.landmark.co.uk/>**Email:** Via website**Address:**

7 Abbey Court

Eagle Way

Sowton Industrial Estate

Exeter

EX2 7HY

Number: S97**Organization name:** Land Registry**Category:** Government**Website:** <https://www.gov.uk/government/organizations/land-registry>

Address:

HM Land Registry Citizen Centre
PO Box 74
Gloucester
GL14 9BB

Number: S98

Organization name: Latitude Cartography

Category: Commercial – Mapping

Website: <https://www.latitudecartography.co.uk/>

Email: maps@latitudecartography.co.uk

Address:

Duncrannag
Lochpark
Carradale East
Campbeltown
PA28 6SG

Number: S99

Organization name: Liverpool John Moores University

Category: Education

Website: <https://www.ljmu.ac.uk/>

Email: studentfutures@ljmu.ac.uk

Address:

Copperas Hill
Liverpool
L3 5GE
or
James Parson Building
Liverpool
L3 3AF

Number: S100

Organization name: Lovell Johns

Category: Commercial – Mapping Services

Website: <https://www.lovelljohns.com>

Email: enquiries@lovelljohns.com

Address:

10 Hanborough Business Park
Long Hanborough
Witney
Oxfordshire
OX29 8RU

Number: S101

Organization name: Lynx Information Systems

Category: Commercial – Geophysical and GIS Services

Website: <https://www.lynxinfo.co.uk/>

Email: lynx@lynxinfo.co.uk

Address:

84 Coombe Road
New Malden
London
KT3 4QS

Number: S102

Organization name: Making Maps Work Ltd t/a ML Design

Category: Commercial – Mapping Services

Website: <http://www.facebook.com/MakingMapsWork>

Email: mldesign@btconnect.com

Address:

53 Doctors Lane
London
CR3 5AF

Number: S103

Organization name: Map Action

Category: Charity

Website: <https://mapaction.org/>

Email: info@mapaction.org

Address:

Douglas Court
1–2 Seymour Business Park
Chinnor
Oxfordshire
OX39 4HA

Number: S104

Organization name: MapInfo

Category: Commercial – Software

Website: <https://www.precisely.com/product/precisely-mapinfo/mapinfo-pro>

Number: S105

Organization name: MAXAR

Category: Commercial – Space Solutions

Website: <https://www.maxar.com/>

Email: support@maxar.com

Address:

578–586 Chiswick High Road
London
W4 5RP

Number: S106

Organization name: MD3D

Category: Commercial – 3D Scanning

Website: <http://www.md3d.uk.com/>

Email: sales@md3d.uk.com

Address:

4 Reading Road
Pangbourne
Reading
RG8 7LY

Number: S107

Organization name: Met Office

Category: Commercial – Government

Website: <https://www.metoffice.gov.uk/>

Email: enquiries@metoffice.gov.uk

Address:

FitzRoy Road
Exeter
Devon
EX1 3PB

Number: S108

Organization name: Momentum Wayshowing

Category: Commercial – Mapping

Website: <http://www.wayshowing.com/>

Email: Via website

Address:

Bellefield House
104 New London Road
Chelmsford, Essex
CM2 0RG

Number: S109

Organization name: National Assembly for Wales

Category: Government

Website: <https://senedd.wales/>

Email: contact@senedd.wales

Address:

Welsh Parliament
Cardiff Bay
Cardiff
CF99 1SN

Number: S110

Organization name: National Centre for Earth Observation

Category: Government – Research Organization

Website: <https://www.nceo.ac.uk/>

Email: info@nceo.ac.uk

Address:

Space Park Leicester
Corporation Road
Leicester
LE4 5SP

Number: S111

Organization name: National Library of Scotland

Category: Map Library

Website: <https://www.nls.uk/>

Email: maps@nls.uk

Address:

92 Cowgate
Edinburgh
EH1 1JN

Number: S112

Organization name: National Library of Wales

Category: Map Library

Website: <https://www.library.wales>

Email: enquiry@llgc.org.uk

Address:

The National Library of Wales
Aberystwyth
Ceredigion
SY23 3BU

Number: S113

Organization name: Newcastle University School of Engineering

Category: Education

Website: <http://www.ncl.ac.uk>

Email: david.fairbairn@newcastle.ac.uk

Address:

Newcastle University
Newcastle upon Tyne
NE1 7RU

Number: S114

Organization name: Nicolson Digital

Category: Commercial – Mapping Services

Website: <https://www.nicolsondigital.com>

Email: maps@nicolsondigital.com

Address:

3 Frazer St
Largs
KA30 9HP

Number: S115

Organization name: OceanWise

Category: Commercial – Hydrographic Solutions

Website: <https://www.oceanwise.eu/>

Email: info@oceanwise.eu

Address:

Dovedale House
16 Butts Road
Alton
Hampshire
GU34 1NB

Number: S116

Organization name: Open Geospatial Consortium

Category: Professional Association

Website: <https://www.ogc.org/>

Email: info@ogc.org

Address:

2300 Wilson Blvd. Ste 700
#1026 Arlington
Virginia 22201

Number: S117

Organization name: OpenStreetMap

Category: Social Community – Mapping

Website: <https://www.openstreetmap.org/>

Number: S118

Organization name: Orbital Insight

Category: Commercial – Solutions

Website: <https://orbitalinsight.com/>

Email: sales@orbitalinsight.com

Address:

10 Bloomsbury Way
London
WC1A 2SL

Number: S119

Organization name: Ordnance Survey

Category: Government – National Mapping Agency

Website: <https://www.os.uk>

Email: pressoffice@os.uk

Address:

Explorer House
Adanac Drive
Nursling
Southampton
SO16 0AS

Number: S120

Organization name: Ordnance Survey of Northern Ireland/Land and Property Services

Category: Government

Website: <https://www.nidirect.gov.uk/campaigns/ordnance-survey-of-northern-ireland>

Number: S121

Organization name: Oxford Technical Solutions

Category: Commercial – GPS Supplier

Website: <https://www.oxts.com/>

Email: info@oxts.com

Address:

Oxford Technical Solutions Ltd
Park Farm Business Centre
Middleton Stoney
Oxfordshire
OX25 4AL

Number: S122

Organization name: Permanent Committee on Geographical Names

Category: Government

Website: <https://www.gov.uk/pcgn>

Email: info@pcgn.org.uk

Address:

c/o The Royal Geographical Society
1 Kensington Gore
London SW7 2AR

Number: S123

Organization name: Philip's, a division of Octopus Publishing Group

Category: Commercial – Mapping Services

Website: <https://www.octopusbooks.co.uk/landing-page/philips-octopus/>

Email: alison.ewington@octopusbooks.co.uk

Address:

Carmelite House
50 Victoria Embankment
London
EC4Y 0DZ

Number: S124

Organization name: Phoenix Mapping

Category: Commercial – Mapping

Website: <https://www.phoenixmap.co.uk/>

Email: phoenixmap@btinternet.com

Address:

The Myrtles
Brockweir Common
Chepstow
NP16 7NS

Number: S125

Organization name: Photoarc Surveys – IIC Technologies

Category: Commercial – Geospatial Solutions

Website: <https://www.iictechnologies.com/>

Email: info@iictechnologies.com

Address:

The Catalyst
York Science Park
York
YO10 5GA

Number: S126

Organization name: Pindar Creative

Category: Commercial – Mapping and Design

Website: <https://www.pindarcreative.co.uk/>

Email: info@pindarcreative.co.uk

Address:

2–10 Plantation Road
Amersham
Buckinghamshire
HP6 6HJ

Number: S127

Organization name: Pixalytics

Category: Commercial – Consultancy

Website: <https://www.pixalytics.com/>

Email: enquiries@pixalytics.com

Address:

1 Davy Road
Plymouth Science Park
Plymouth
Devon
PL6 8BX

Number: S128

Organization name: Planet

Category: Commercial – Remote Sensing

Website: <https://www.planet.com/>

Email: Via website

Number: S129**Organization name:** Pointr**Category:** Commercial – Location Services**Website:** <https://www.pointr.tech/>**Email:** contact@pointr.tech**Address:**

4th Floor

4 Golden Square Soho

London

W1F 9HT

Number: S130**Organization name:** Quarry One Eleven**Category:** Commercial – Geospatial Marketing**Website:** <https://www.quarry-one-eleven.com/>**Email:** Via website**Address:**

Surrey Technology Centre

Guildford

Surrey

GU2 7YG

Number: S131**Organization name:** Radiodetection**Category:** Commercial – Underground Surveying**Website:** <https://www.radiodetection.com>**Email:** rd.sales.uk@spx.com**Address:**

Western Drive

Bristol

BS14 0AF

Number: S132**Organization name:** Remote Sensing Applications Consultants**Category:** Commercial – Remote Sensing Consultancy**Website:** <http://www.rsac.co.uk/>**Email:** consultants@rsac.co.uk**Address:**

The Long Barn

Sutton Manor

Bishop's Sutton

Alresford

Hampshire

SO24 0AA

Number: S133**Organization name:** RIEGL**Category:** Commercial – Laser Scanning Supplier**Website:** <http://www.riegl.co.uk/>**Email:** info@riegl.co.uk**Address:**

Innovation Way

York Science Park

York

YO10 5NP

Number: S134**Organization name:** RobinWorldWide**Category:** Commercial – Transport Consultancy and Mapping**Website:** <https://www.robinworldwide.com/>**Email:** info@robinworldwide.com**Address:**

15 Rockstone Place

Southampton

SO15 2EP

Number: S135**Organization name:** Royal Commission on the Ancient & Historical Monuments of Wales**Category:** Government**Website:** <https://www.rcahmw.gov.uk/>**Email:** nmr.wales@rcahmw.gov.uk**Address:**

Ffordd Penglais

Aberystwyth

SY23 3BU

Number: S136**Organization name:** Royal Geographical Society (with IBG)**Category:** Society**Website:** <https://www.rgs.org>**Email:** rhed@rgs.org**Address:**

1 Kensington Gore

London

SW7 2AR

Number: S137**Organization name:** Royal Institution of Chartered Surveyors**Category:** Professional Association**Website:** <https://www.rics.org>**Email:** standards@rics.org**Address:**

12 Great George Street

London

SW1P 3AD

Number: S138**Organization name:** Saderet**Category:** Commercial – Surveying Equipment**Website:** <http://www.saderet.co.uk/>**Email:** sales@saderet.co.uk**Address:**

Unit C1

Eden Business Park

Cooil Road

Braddan

Isle of Man

IM4 2AY

Number: S139**Organization name:** Satellite Applications Catapult**Category:** Commercial – Remote Sensing**Website:** <https://sa.catapult.org.uk/>**Email:** marketing@sa.catapult.org.uk**Address:**

Electron Building

Fermi Avenue

Harwell Campus

Didcot

Oxfordshire

OX11 0QR

Number: S140**Organization name:** SatelliteVu**Category:** Commercial – Remote Sensing**Website:** <https://www.satellitevu.com/>**Email:** info@satellitevu.com**Address:**

16 High Holborn

London

WC1V 6BX

Number: S141**Organization name:** SatOC**Category:** Commercial – Consultancy**Website:** <https://www.satoc.eu/>**Email:** info@satoc.eu**Address:**

Coach House Farm

Castle Edge Road

New Mills

Derbyshire

SK22 4QF

Number: S142**Organization name:** SatSense**Category:** Commercial – Remote Sensing**Website:** <https://satsense.com/>**Email:** contact@satsense.com**Address:**

Nexus Leeds

Nexus Building

Discovery Way

Leeds

LS2 3AA

Number: S143**Organization name:** Scott Polar Research Institute**Category:** Educational Research Institute**Website:** www.spri.cam.ac.uk**Email:** enquiries@spri.cam.ac.uk-general enquiries**Address:**

Scott Polar Research Institute

University of Cambridge

Lensfield Road

Cambridge

CB2 1ER

Number: S144**Organization name:** Screening Eagle UK**Category:** Commercial – Surveying**Website:** <https://www.screeningeagle.com/>**Email:** Via website**Address:**

Screening Eagle UK Limited

The Bradfield Centre

184 Cambridge Science Park Road

Cambridge

CB4 0GA

Number: S145**Organization name:** Sheffield Hallam University**Category:** Education**Website:** <https://www.shu.ac.uk/>**Address:**

City Campus

Howard Street

Sheffield

S1 1WB

Number: S146**Organization name:** Site Vision Surveys**Category:** Commercial – Surveying**Website:** <https://www.svsld.net/>**Email:** enquiries@svsld.net**Address:**

19 Warwick Street

Rugby

Warwickshire

CV21 3DH

Number: S147**Organization name:** Skynet Vision**Category:** Commercial – Remote Sensing**Website:** <http://www.skynet.vision/>**Email:** skynet@skynet.vision**Number:** S148**Organization name:** South Survey**Category:** Commercial – Surveying**Website:** <https://www.surveyorsequipment.co.uk/>**Email:** sales@southsurvey.co.uk**Address:**

21 Deanfield Court

Clitheroe

Lancashire

BB7 1QS

Number: S149**Organization name:** Space ConneXion**Category:** Commercial – Consultancy**Website:** <https://www.spaceconnexions.com/>

Email: enquiries@spaceconnexions.com

Address:

15 Rectory Close
Guildford
Surrey
GU4 7AR

Number: S150

Organization name: Spacemetric

Category: Commercial – Remote Sensing Software

Website: <http://spacemetric.com/>

Email: sales@spacemetric.com

Address:

PO Box 1575
Guildford
Surrey
GU1 9BW

Number: S151

Organization name: SpatiallyAware

Category: Commercial – Promotion

Website: <https://spatiallyaware.co.uk/>

Email: info@spatiallyaware.co.uk

Address:

Hay Loft
Burnivale
Malmesbury
Wiltshire
SN16 0BL

Number: S152

Organization name: Specto Natura

Category: Commercial – Consultancy

Website: <http://www.specto-natura.co.uk/>

Email: info@specto-natura.co.uk

Address:

9 College Road
Impington
Cambridge
CB24 9PL

Number: S153

Organization name: Spottitt

Category: Commercial – Remote Sensing Data

Website: <https://spottitt.com/>

Email: info@spottitt.com

Address:

Electron Building
Fermi Ave
Harwell
OX11 0QR

Number: S154

Organization name: Spyrosoft

Category: Commercial – Software

Website: <https://spyro-soft.com/>

Email: office@spyro-soft.com

Address:

SmartBase
Target Road
Aviation Park West
Christchurch
Dorset
BH23 6NW

Number: S155

Organization name: Steer

Category: Commercial – Transport Consultancy

Website: <https://www.steergroup.com>

Email: ukinfo@steergroup.com

Address:

14–21 Rushworth Street
London
SE1 0RB

Number: S156

Organization name: Survey Solutions

Category: Commercial – Survey and Mapping

Website: <https://www.survey-solutions.co.uk>

Email: contactus@survey-solutions.co.uk

Address:

6 Riverside Mews
Paper Mill Lane
Bramford
Ipswich
Suffolk IP8 4DE

Number: S157

Organization name: Swansea University

Category: Education

Website: <https://www.swansea.ac.uk>

Address:

Singleton Park
Swansea
SA2 8PP
or
Bay Campus
Fabian Way
Crymlyn Burrows
Swansea
SA1 8EN

Number: S158

Organization name: Tamoco

Category: Commercial – Data Solutions

Website: <https://www.tamoco.com/>

Email: info@tamo.co

Address:

4 Bloomsbury Place
London
WC1A 2QA

Number: S159**Organization name:** Tania Willis Illustration & Design**Category:** Commercial – Freelance Design**Website:** <https://www.taniawillis.com>**Email:** hello@taniawillis.com**Number:** S160**Organization name:** Telespazio UK**Category:** Commercial – Consultancy**Website:** <https://telespazio.co.uk/>**Email:** info_uk@telespazio.com**Address:**

350 Capability Green

Luton

Bedfordshire

LU1 3LU

Number: S161**Organization name:** The British Library**Category:** Map Library**Website:** <https://www.bl.uk>**Email:** Maps@bl.uk**Address:**

96 Euston Road

London

NW1 2DB

Number: S162**Organization name:** The Charles Close Society for the Study of Ordnance Survey Maps**Category:** Society**Website:** <https://www.charlesclosesociety.org>**Email:** honsec@charlesclosesociety.org**Address:**

c/o The Map Library

The British Library

96 Euston Road

London

NW1 2DB

Number: S163**Organization name:** The Coal Authority**Category:** Government**Website:** <https://www.gov.uk/government/organizations/the-coal-authority>**Email:** customerservice@coal.gov.uk**Address:**

200 Lichfield Lane

Mansfield

Nottinghamshire

NG18 4RG

Number: S164**Organization name:** The Geographical Association**Category:** Professional Association**Website:** <https://www.geography.org.uk/>**Email:** info@geography.org.uk**Address:**

160 Solly Street

Sheffield

S1 4BF

Number: S165**Organization name:** The Historic Towns Trust**Category:** Charity**Website:** <https://www.historictownstrust.uk>**Email:** giles.darkes@talktalk.net**Address:**

4 Ferry Road

Marston

OXFORD

OX3 0ET

Number: S166**Organization name:** The Little Map Company**Category:** Commercial – Mapping**Website:** <https://www.littlemapco.co.uk/>**Email:** nicola@littlemapco.co.uk**Address:**

36 Thistlebarrow Road

Bournemouth

Dorset

BH7 7AL

Number: S167**Organization name:** The National Archives**Category:** Map Library**Website:** <https://www.nationalarchives.gov.uk/>**Address:**

The National Archives

Kew

Richmond

TW9 4DU

Number: S168**Organization name:** The Survey Association**Category:** Professional Association**Website:** <https://www.tsa-uk.org.uk/>**Email:** office@tsa-uk.org.uk**Address:**

Northgate Business Centre

38 Northgate

Newark-on-Trent

Nottinghamshire

NG24 1EZ

Number: S169**Organization name:** The Survey School**Category:** Training**Website:** <https://www.surveyschool.org.uk/>**Email:** office@surveyschool.org.uk**Address:**

Waterworks Road

Worcester

WR1 3EZ

Number: S170**Organization name:** The University of Edinburgh**Category:** Education**Website:** <https://www.ed.ac.uk/>**Address:**

Institute of Geography
 Drummond Street
 Central Campus
 Edinburgh
 EH8 9XP

Number: S171**Organization name:** The University of Manchester**Category:** Education**Website:** <https://www.manchester.ac.uk/>**Address:**

Oxford Road
 Manchester
 M13 9PL

Number: S172**Organization name:** thinkWhere**Category:** Commercial – Location Services**Website:** <https://www.thinkwhere.com/>**Email:** Via website**Address:**

First Floor
 The Grosvenor Building
 72 Gordon Street
 Glasgow
 G1 3RS

Number: S173**Organization name:** Topcon**Category:** Commercial – Surveying Solutions**Website:** <https://www.topconpositioning.com/>**Email:** customerservice.gb@topcon.com**Address:**

Sandy Hill Business Park
 Sandy Way
 Amington
 Tamworth
 Staffordshire
 B77 4DU

Number: S174**Organization name:** Transport for the North**Category:** Government – Local**Website:** <https://www.transportforthenorth.com>**Email:** mediarelations@transportforthenorth.com**Address:**

2nd Floor
 4 Piccadilly Place
 Manchester
 M1 3BN

Number: S175**Organization name:** Trimble**Category:** Commercial – Surveying Solutions**Website:** <https://www.trimble.com/>**Email:** Via website**Address:**

Trimble House
 Gelderd Road
 Morley
 Leeds
 LS27 7JP

Number: S176**Organization name:** UCL SpaceTimeLab**Category:** Academic Research Unit**Website:** <https://www.ucl.ac.uk/spacetimelab>**Email:** tao.cheng@ucl.ac.uk**Address:**

Department of Civil, Environmental and Geomatic
 Engineering
 University College London
 Gower Street
 London
 WC1E 6BT

Number: S177**Organization name:** UK Hydrographic Office**Category:** Government – Defence**Website:** <https://www.admiralty.co.uk>**Email:** customerservices@ukho.gov.uk**Address:**

Admiralty Way
 Taunton
 TA1 2DN

Number: S178**Organization name:** Ulster University**Category:** Education**Website:** <https://www.ulster.ac.uk/>**Address:**

2–24 York Street
 Belfast
 BT15 1AP
 or
 Cromore Road
 Coleraine
 BT52 1SA

Number: S179**Organization name:** University College London (UCL)**Category:** Education**Website:** <https://www.ucl.ac.uk>**Address:**

Gower Street
 London
 WC1E 6BT

Number: S180**Organization name:** University of Aberdeen**Category:** Education**Website:** <http://www.abdn.ac.uk/geography>**Email:** d.r.green@abdn.ac.uk**Address:**

University of Aberdeen

King's College

Aberdeen

AB24 3FX

Number: S181**Organization name:** University of Brighton**Category:** Education**Website:** <https://www.brighton.ac.uk>**Address:**

Mithras House

Lewes Road

Brighton

BN2 4AT

Number: S182**Organization name:** University of East London**Category:** Education**Website:** <https://www.uel.ac.uk/>**Address:**

University Way

London

E16 2RD

Number: S183**Organization name:** University of Glasgow**Category:** Education**Website:** <https://www.gla.ac.uk/>**Address:**

University of Glasgow

Glasgow

G12 8QQ

Number: S184**Organization name:** University of Leeds**Category:** Education**Website:** <https://www.leeds.ac.uk/>**Email:** study@leeds.ac.uk**Address:**

University of Leeds

Leeds

LS2 9JT

Number: S185**Organization name:** University of Leicester**Category:** Education**Website:** <https://le.ac.uk>**Email:** admissions@le.ac.uk**Address:**

University Road

Leicester

LE1 7RH

Number: S186**Organization name:** University of Liverpool**Category:** Education**Website:** <https://www.liverpool.ac.uk>**Email:** irro@liverpool.ac.uk**Address:**

Foundation Building

Brownlow Hill

Liverpool

L69 7ZX

Number: S187**Organization name:** University of Nottingham,
School of Geography**Category:** Education**Website:** <https://www.nottingham.ac.uk/geography>**Email:** elaine.watts@nottingham.ac.uk**Address:**

School of Geography

Sir Clive Granger Building

University of Nottingham

University Park

Nottingham

NG7 2RD

Number: S188**Organization name:** University of Portsmouth**Category:** Education**Website:** <https://www.port.ac.uk/>**Email:** myport@port.ac.uk**Address:**

University House

Winston Churchill Avenue

Portsmouth

Hampshire

PO1 2UP

Number: S189**Organization name:** University of Portsmouth Library**Category:** Map Library**Website:** <https://library.port.ac.uk>**Email:** library@port.ac.uk**Address:**

University Library

Cambridge Road

PO1 2ST

Number: S190**Organization name:** University of Plymouth
GeoMapping Unit**Category:** Education**Website:** <https://www.plymouth.ac.uk/schools/school-of-geography-earth-and-environmental-sciences/geomapping-unit>**Address:**

Plymouth

Devon

PL4 8AA

Number: S191**Organization name:** University of Sheffield**Category:** Education**Website:** <https://www.sheffield.ac.uk/>**Address:**

The University of Sheffield
 Western Bank
 Sheffield
 S10 2TN

Number: S192**Organization name:** University of Southampton**Category:** Education**Website:** <https://www.southampton.ac.uk/>**Email:** enquiries@southampton.ac.uk**Address:**

University Road
 Southampton
 SO17 1BJ

Number: S193**Organization name:** Urban Hawk**Category:** Commercial – Data Solutions**Website:** <https://urbanhawk.space/>**Email:** enquiry@urbanhawk.space**Address:**

15 Honeywick Close
 Bristol
 BS3 5ND

Number: S194**Organization name:** UseGIS**Category:** Commercial – Software Development**Website:** <http://www.usegis.co.uk/>**Email:** enquiries@usegis.co.uk**Address:**

The Old Rectory
 Dunkeswell
 Honiton
 Devon
 EX14 4RE

Number: S195**Organization name:** UTEC**Category:** Commercial – Surveying Equipment**Website:** <https://acteon.com/>**Email:** info@utecsurvey.com**Address:**

Tern Place House
 Tern Place
 Bridge of Don
 Aberdeen
 AB23 8JX

Number: S196**Organization name:** Vantage UAV**Category:** Commercial – Drone Survey**Website:** <https://vantageuav.com/>**Email:** info@vantageuav.com**Address:**

86–90 Paul Street
 London
 EC2A 4NE

Number: S197**Organization name:** Vercator**Category:** Commercial – Online Solution**Website:** <https://vercator.com/>**Email:** enquiries@vercator.com**Address:**

190 Clarence Gate Gardens
 London
 NW1 6AD

Number: S198**Organization name:** Verisk 3DI**Category:** Commercial – Data Supplier**Website:** <https://www.verisk.com/en-gb/3d-visual-intelligence/>**Email:** Online form**Address:**

Station House
 Station Road
 Linton
 Cambridgeshire
 CB21 4NW

Number: S199**Organization name:** Vexcel Imaging**Category:** Commercial – Aerial Survey**Website:** <https://www.vexcel-imaging.com/>**Email:** support@vexcel-imaging.com**Number:** S200**Organization name:** what3words**Category:** Commercial – Geo-referencing**Website:** <https://what3words.com/>**Email:** Via website

Number: S201

Organization name: XYZ Maps

Category: Commercial – Mapping Services

Website: <https://www.xyzmaps.com>

Email: sales@xyzmaps.com

Address:

32/9 Hardengreen Business Park

Dalhousie Road

Dalkeith

Midlothian

EH22 3NX

Number: S202

Organization name: Yellowfields

Category: Commercial – Mapping Services

Website: <https://www.yellowfields.co.uk/>

Email: hello@yellowfields.co.uk

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