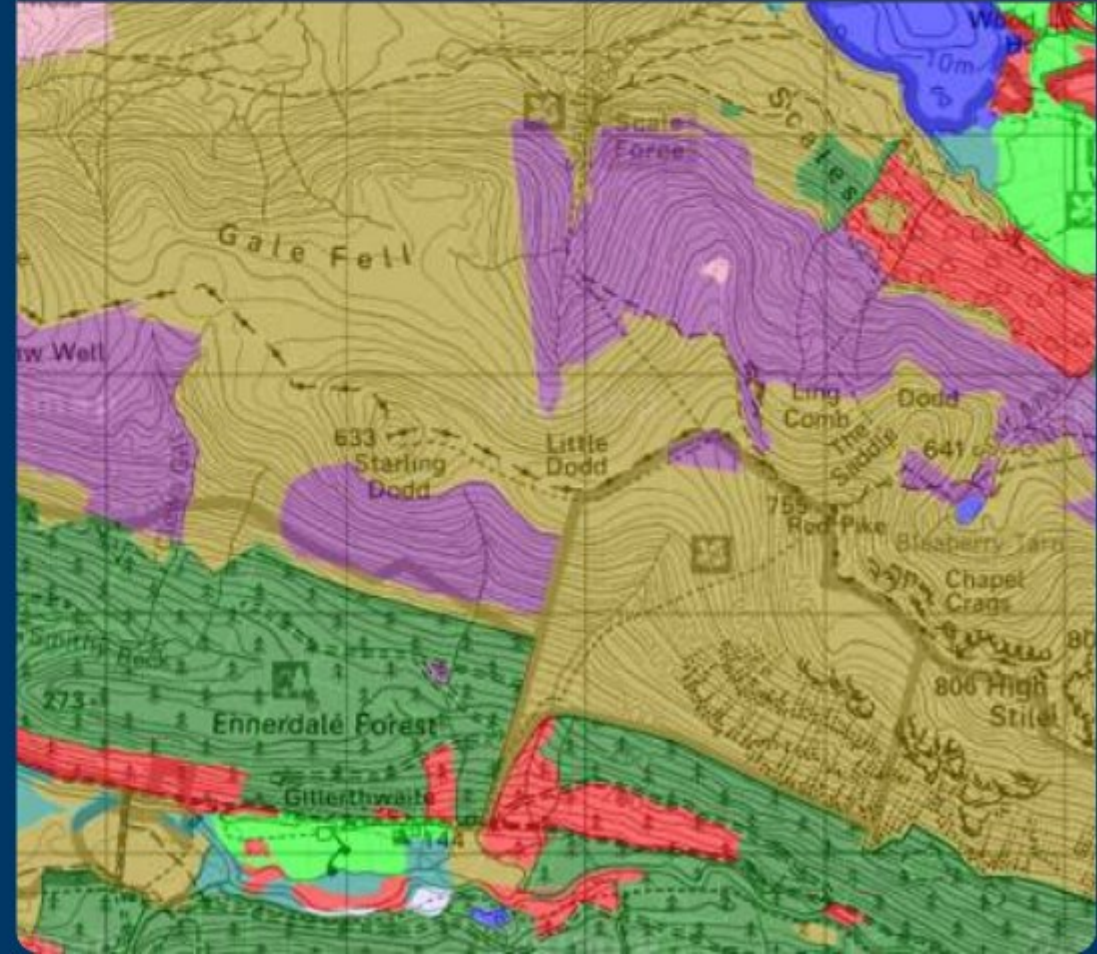


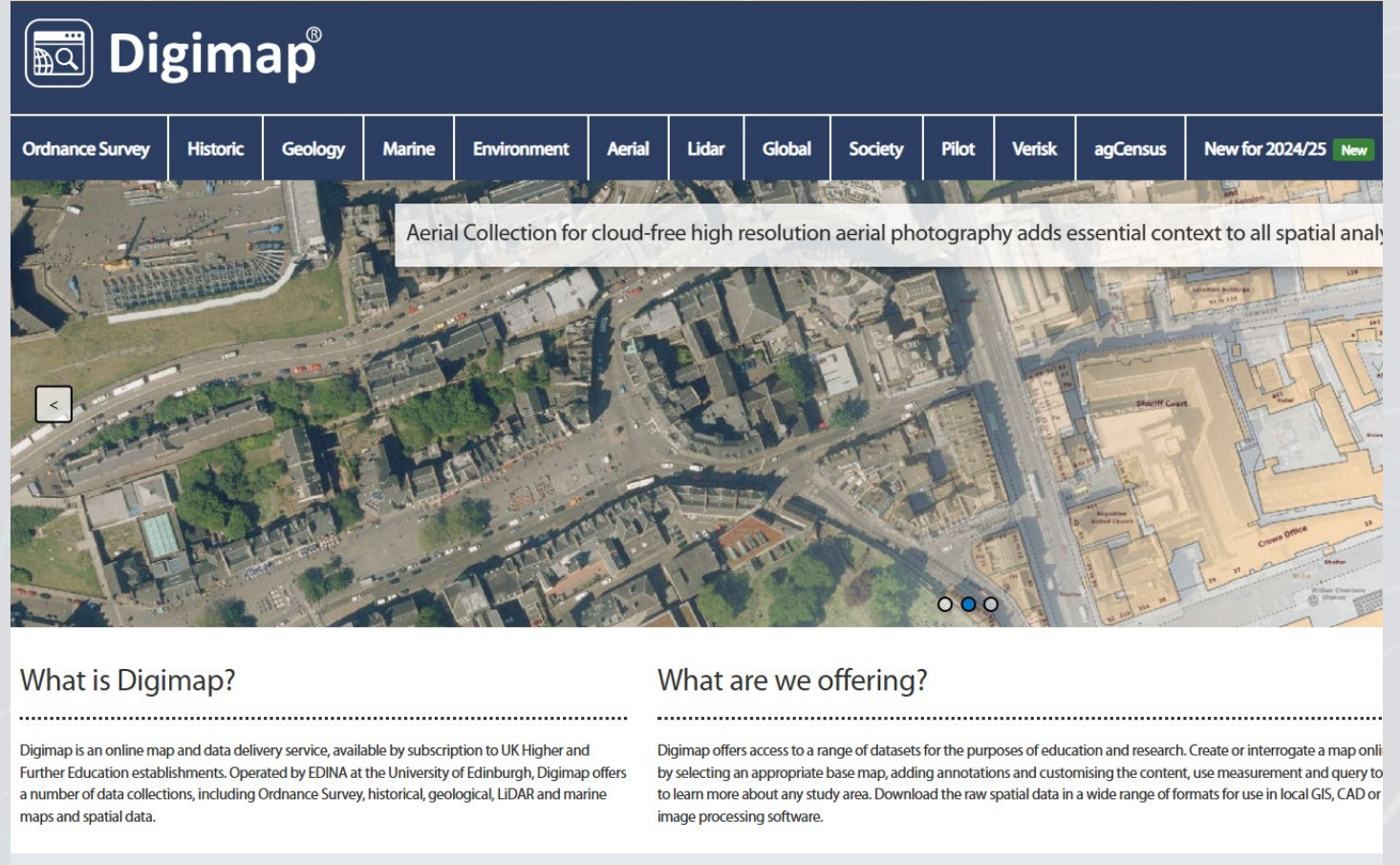
A Walk through Digimap Services

30 January 2025



Content

- Exploring Collections
- Help and Resources
- Map Navigation Tools
- Data Import Tools
- Customising Maps
- Downloading Data
- Licencing and Copyright Guidelines
- Q&As



The screenshot shows the Digimap website interface. At the top is the Digimap logo. Below it is a navigation bar with tabs for Ordnance Survey, Historic, Geology, Marine, Environment, Aerial, Lidar, Global, Society, Pilot, Verisk, agCensus, and New for 2024/25. The main content area features a large aerial photograph of a city street with a semi-transparent text box overlay that reads: "Aerial Collection for cloud-free high resolution aerial photography adds essential context to all spatial analysis". Below the photograph are two columns of text. The left column is titled "What is Digimap?" and describes the service as an online map and data delivery service available by subscription to UK Higher and Further Education establishments, operated by EDINA at the University of Edinburgh. The right column is titled "What are we offering?" and describes the range of datasets available for education and research, including the ability to create or interrogate a map online by selecting a base map, adding annotations, and customising content, as well as downloading raw spatial data in various formats for use in local GIS, CAD, or image processing software.

Digimap®

Ordnance Survey Historic Geology Marine Environment Aerial Lidar Global Society Pilot Verisk agCensus New for 2024/25 **New**

Aerial Collection for cloud-free high resolution aerial photography adds essential context to all spatial analysis

What is Digimap?

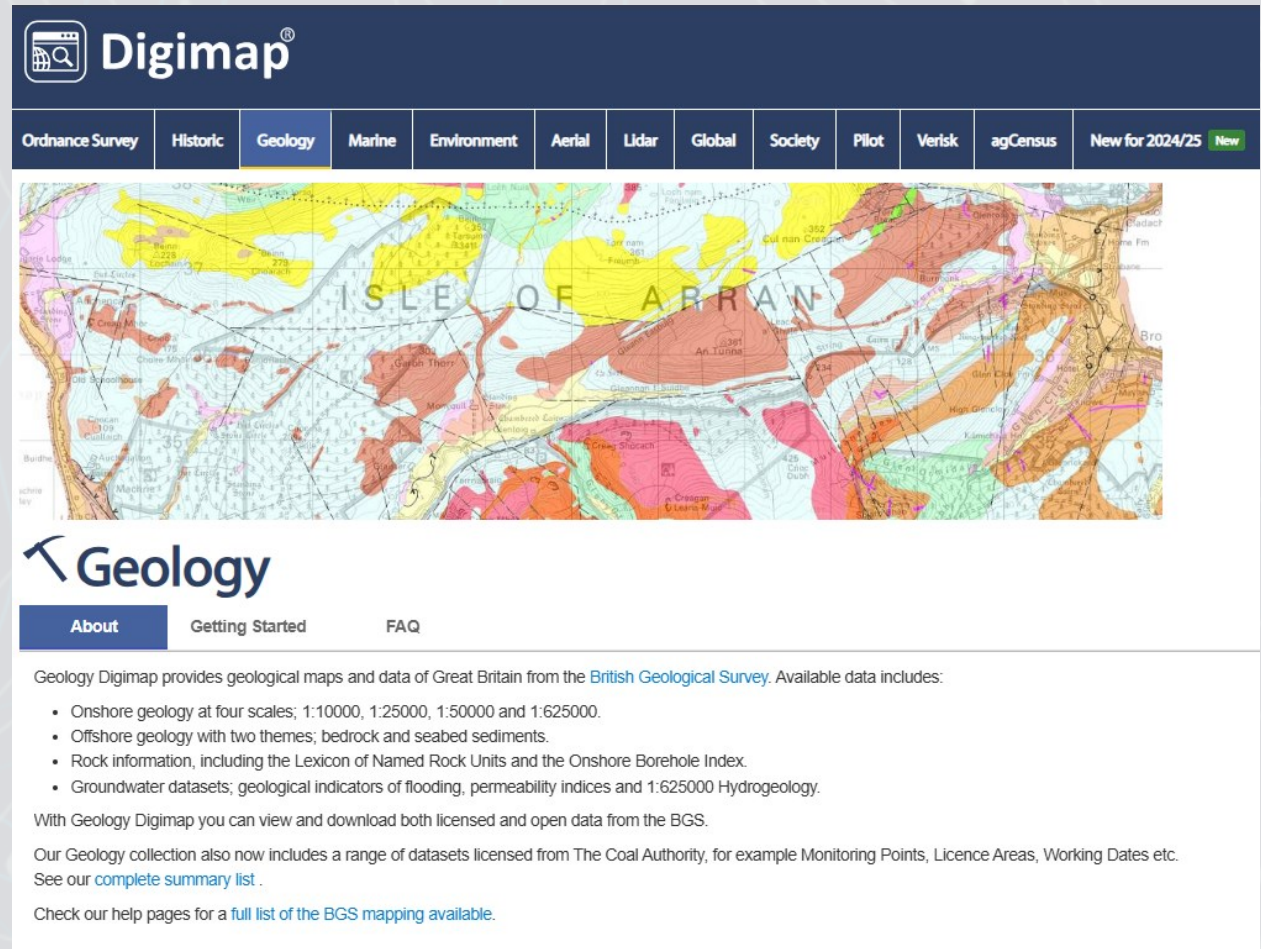
Digimap is an online map and data delivery service, available by subscription to UK Higher and Further Education establishments. Operated by EDINA at the University of Edinburgh, Digimap offers a number of data collections, including Ordnance Survey, historical, geological, LIDAR and marine maps and spatial data.

What are we offering?

Digimap offers access to a range of datasets for the purposes of education and research. Create or interrogate a map online by selecting an appropriate base map, adding annotations and customising the content, use measurement and query to learn more about any study area. Download the raw spatial data in a wide range of formats for use in local GIS, CAD or image processing software.

Exploring Collections

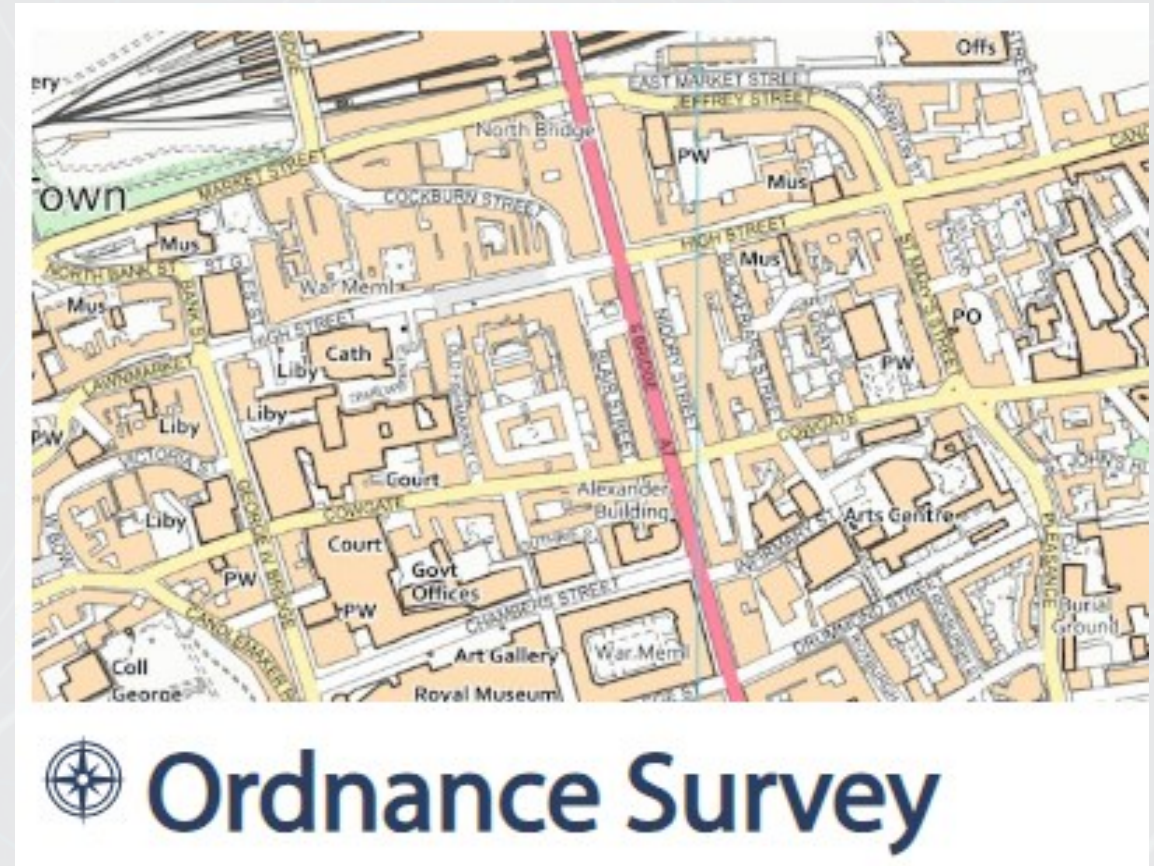
- Digimap offers 12 collections for different academic needs.
- The Ordnance Survey collection is the most detailed and often comes with other collections.
- The newest collection, AgCensus, focuses on agricultural data in England.



The screenshot shows the Digimap website interface. At the top is a dark blue header with the Digimap logo and a navigation bar containing 12 collection categories: Ordnance Survey, Historic, Geology (highlighted), Marine, Environment, Aerial, Lidar, Global, Society, Pilot, Verisk, agCensus, and New for 2024/25. Below the header is a large map of the Isle of Arran, Scotland, displaying various geological features in different colors. Under the map, the 'Geology' section is titled with a back arrow icon. It includes sub-navigation links for 'About', 'Getting Started', and 'FAQ'. The 'About' link is active. The text below states: 'Geology Digimap provides geological maps and data of Great Britain from the [British Geological Survey](#). Available data includes:' followed by a bulleted list: 'Onshore geology at four scales; 1:10000, 1:25000, 1:50000 and 1:625000.', 'Offshore geology with two themes; bedrock and seabed sediments.', 'Rock information, including the Lexicon of Named Rock Units and the Onshore Borehole Index.', and 'Groundwater datasets; geological indicators of flooding, permeability indices and 1:625000 Hydrogeology.' Below this, it says 'With Geology Digimap you can view and download both licensed and open data from the BGS.' and 'Our Geology collection also now includes a range of datasets licensed from The Coal Authority, for example Monitoring Points, Licence Areas, Working Dates etc. See our [complete summary list](#).' At the bottom, it says 'Check our help pages for a [full list of the BGS mapping available](#).'

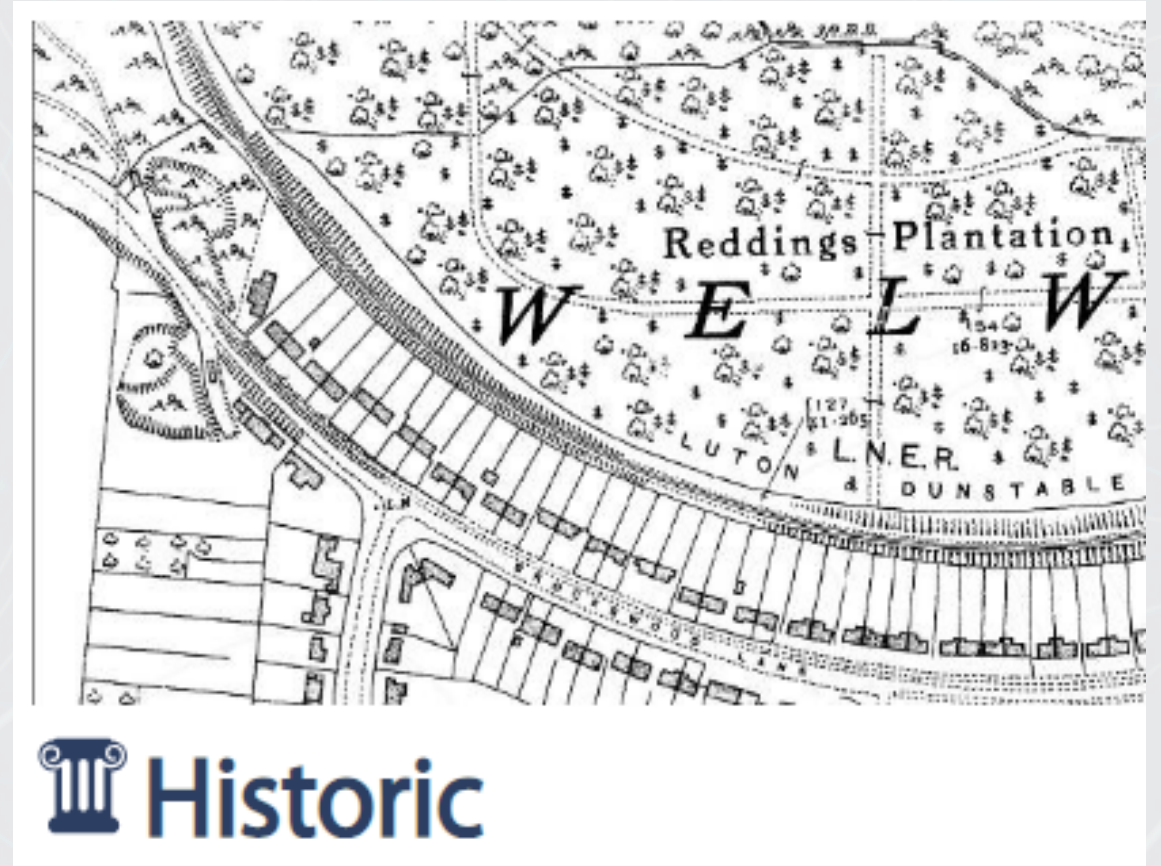
Ordnance Survey Collection

- Provides detailed mapping from Great Britain's national mapping agency.
- Offers multiple scales:
 - 1:1,250 for detailed urban planning
 - 1:250,000 for regional projects
- Downloadable map layers (e.g., roads, buildings, topography) for GIS or CAD integration.
- Optional: National Tree Map™ with extra subscription.



Historic Collection

- Essential for studying landscape changes over time.
- Access to maps from as early as the 1840s for analysing land use, urban growth, and infrastructure evolution.
- View maps by specific time periods or overlay eras to compare changes comprehensively.
- Features maps at various scales for County Series, British National Grid, and Town Plans.



Aerial Collection

- Ideal for coastal studies, archaeology, urban planning, and habitat analysis.
- High-quality aerial photography from Getmapping Ltd for Great Britain.
- View, annotate, and print imagery.
- Includes 25cm vertical ortho-photography.



Exploring Collections

- Users can choose individual collections or bundles (Automate, Premium, or Standard) to suit their institution.
- Extra datasets include NGD data, the National Tree Map, Aerial Extra, and Landlan (available as an upgrade).

Bundle Details

Collection	Ultimate	Premium	Standard
OS	✓	✓	✓
Marine	✓	✓	✓
Geology	✓	✓	✓
Historic	✓	✓	✓
Environment	✓	✓	✓
Aerial	✓	✓	✗
Lidar	✓	✓	✗
Global	✓	✗	✗
Society	✓	✗	✗
Verisk	✓	✗	✗
agCensus	✓	✗	✗
OS National Geographic Database (NGD)	Upgrade available	Upgrade available	Upgrade available
National Tree Map	Upgrade available	Upgrade available	Upgrade available
Aerial Extra	Upgrade available	Upgrade available	✗
Landlan	Upgrade available	Upgrade available	Upgrade available

Help and Resources

- Visit our Help pages for detailed information about our maps and dataset.
- Access direct links to original data suppliers for more information.
- Explore our YouTube channel for quick guides and tutorial videos to help you get started.
- <https://digimap.edina.ac.uk/help/>



About Digimap

Get an overview of Digimap Collections and find out how to get started.



Making maps

Check out how to view, customise and print maps with Digimap.



Downloading Data

Download geospatial data for your project area.



Our maps and data

Full details of the maps and data available in Digimap from our partner data providers.



FAQs

Sets of questions on our collections and applications.



Copyright and Licensing

Access all of our licences to find out what you can do with data from Digimap Collections, plus how to acknowledge and cite Digimap.



Web Map Services

Add a Web Map Service in our Digimap applications or use our Digimap Collections WMS.



Import Data to GIS and CAD

Find out the essentials of using geospatial data in popular software packages.

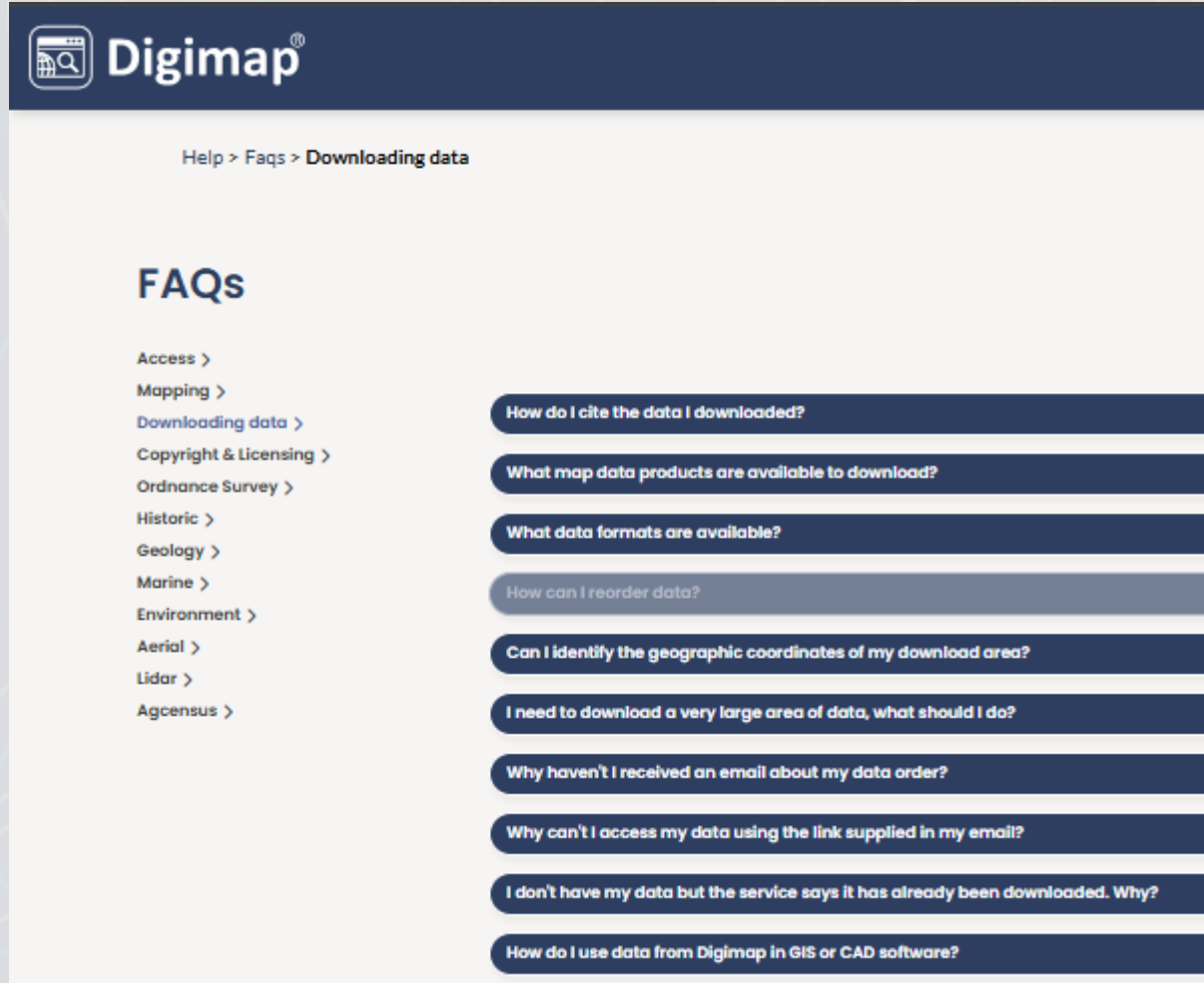



Learning Materials

Access exercises, presentations and case studies on Digimap.

Help and Resources

- Find answer for your questions



 **Digimap**[®]

Help > Faqs > Downloading data

FAQs

Access >
Mapping >
Downloading data >
Copyright & Licensing >
Ordnance Survey >
Historic >
Geology >
Marine >
Environment >
Aerial >
Lidar >
Agcensus >


How do I cite the data I downloaded?
What map data products are available to download?
What data formats are available?
How can I reorder data?
Can I identify the geographic coordinates of my download area?
I need to download a very large area of data, what should I do?
Why haven't I received an email about my data order?
Why can't I access my data using the link supplied in my email?
I don't have my data but the service says it has already been downloaded. Why?
How do I use data from Digimap in GIS or CAD software?

Help and Resources

- Access webinar presentations and tutorials
- Explore our YouTube channel for quick guides and tutorial videos to help you get started.


Learning Materials

Filter results:




Exercises in Making Maps

Short exercises on our map making applications.




Digimap logos

Collection logos and mapping images.




Environment Digimap webinar February 2024

Presentation and recording.




Guides: making Maps with Digimap

Guide to application features.




Download Data guides

Guide to application features.




Historic Digimap webinar November 2024

Presentation and recording.




Aerial Digimap webinar November 2024

Presentation and recording.




Marine Collection Digimap webinar November 2024

Presentation and recording.




Society Digimap webinar May 2021

Presentation and recording.




Bluesky's National Tree Map Digimap webinar November 2024

Presentation and recording.



Verisk Digimap webinar November 2024

Presentation and recording.



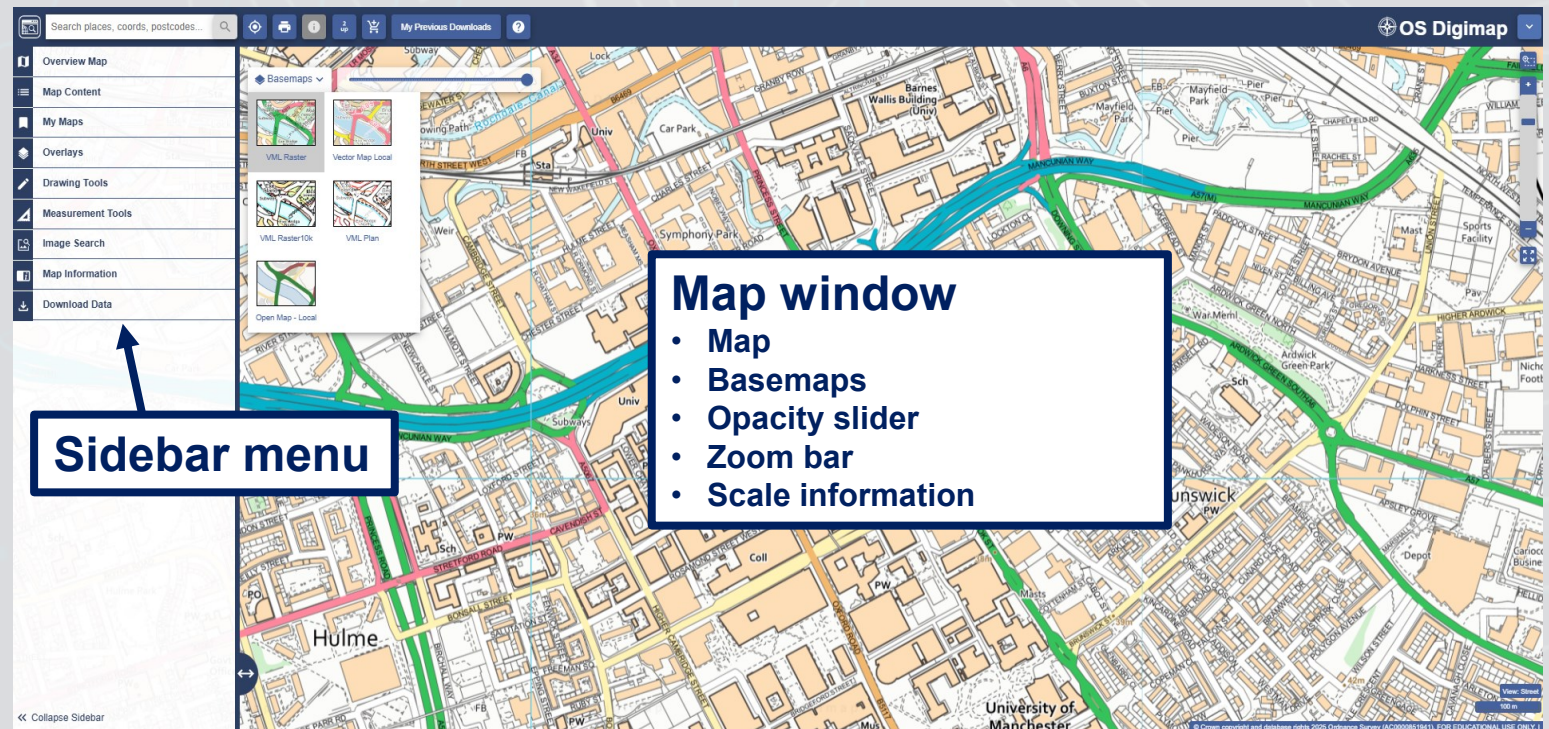
Digimap Collections posters

Posters for marketing Digimap collections.

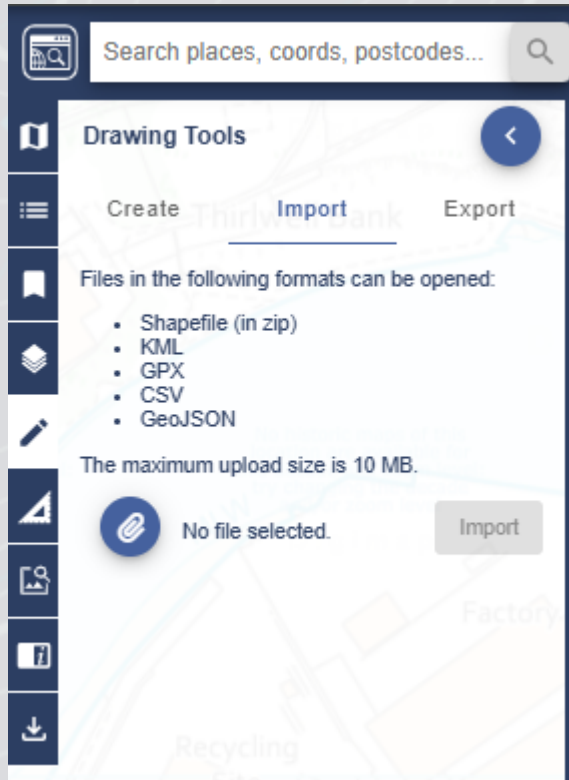
Map Navigation Tools

Top Toolbar

- Features available can be different for each map.
- Layout and key functions are the same



Data Import Tools

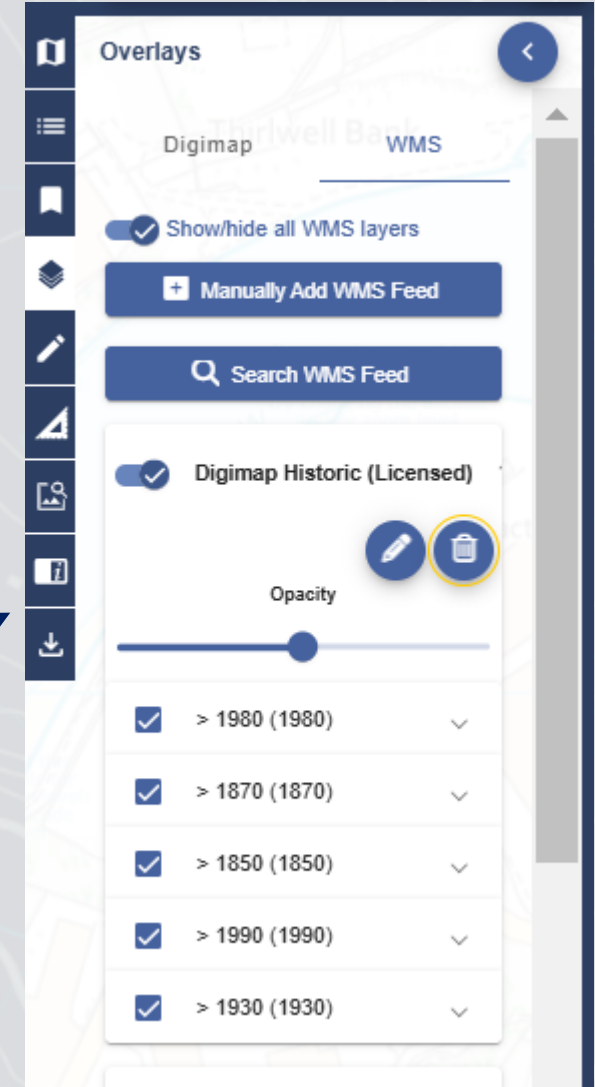


Drawing Tools

- Select Import
- Chose File
- Import

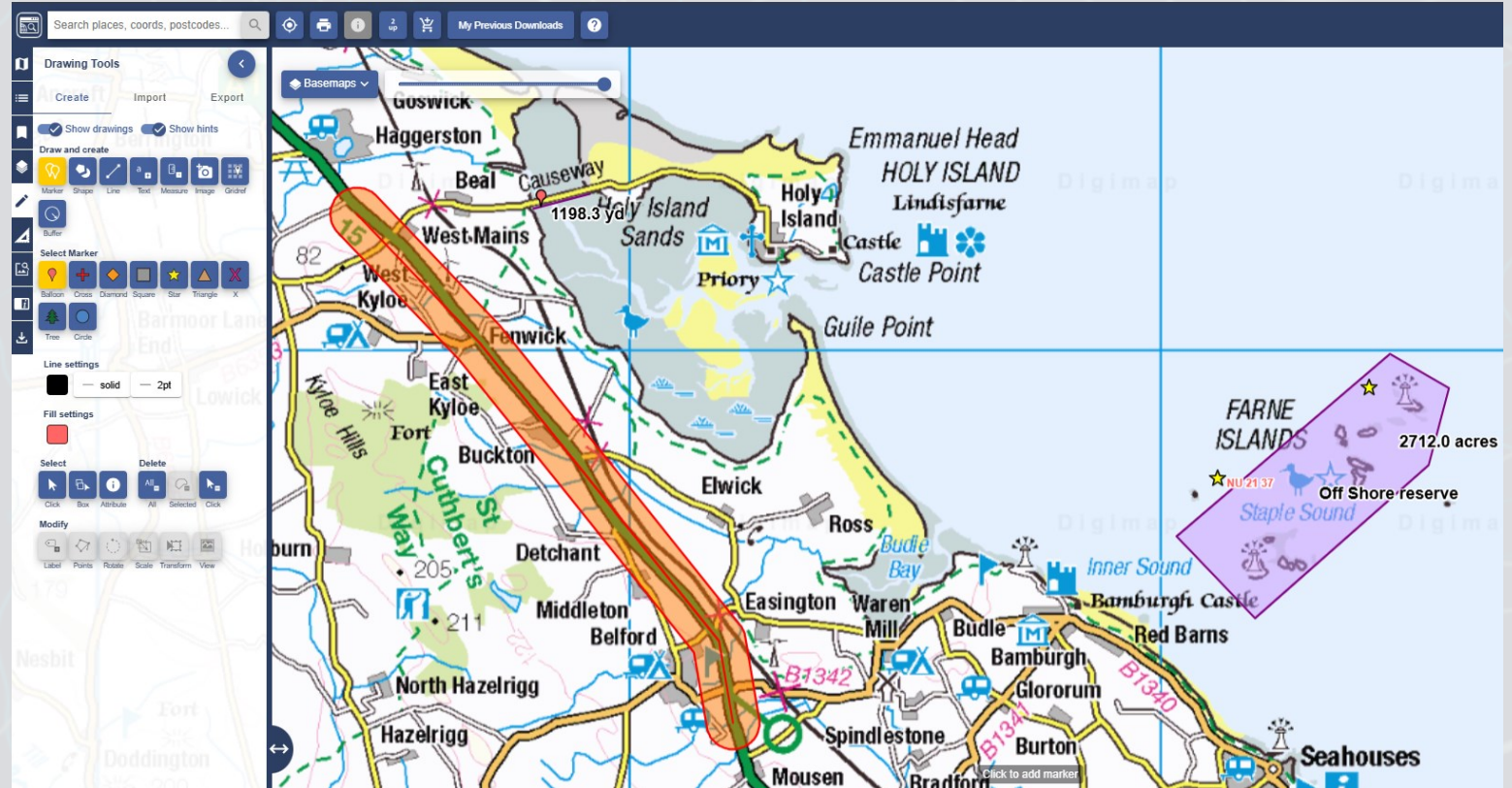
Overlays menu

- Select WMS
- Manually add WMS Feed (a link you have identified)
<http://digimap.edina.ac.uk/help/wms/>



Customising Maps

- Drawing tools: Add markers, polygons, lines, and text labels.
- Adjust marker colours, transparency, and shapes.
- Measure distances and areas in metric or imperial units.
- Modify and transform drawings (resize, rotate, adjust points).
- Buffers: Create zone analysis (e.g., noise pollution around railways).



Downloading Data

The screenshot displays the Digimap web application interface. On the left, the 'Download Data' sidebar contains options to 'Select Area of Interest' (Draw, Modify, Delete), 'Use Coordinates', 'Select Visible Area', 'Use Tile Name', 'Import Polygons', and 'Copy Drawings For Download Selection'. Below these are 'Select Data Products' and 'Filter Products' (Licensed, Open) with 'water features' selected. A table lists products, with 'OS NGD' expanded to show 'Water Features' (25/10000 km²). The 'Product Information' panel on the right shows details for 'OS NGD Water Features Layer', including scale, version, data format, and terms of use. The map view on the right shows a coastal area with labels like 'FARNE ISLANDS', 'Staple Sound', 'Bamburgh Castle', and 'Red Barns'. A yellow polygon highlights the selected area, and a pink polygon highlights the available area for download.

Search places, coords, postcodes...

Download Data

Select Area of Interest

Draw Modify Delete

Use Coordinates Select Visible Area

Use Tile Name Import Polygons

Copy Drawings For Download Selection

Select Data Products

Filter Products

☒ Licensed ☒ Open

water features

Product Order Size

OS NGD (1 selected)

☒ Water Features (25/10000) km²

Product Information

OS NGD Water Features Layer

Scale: 1:1 250

Current Version: May 2024

Data Format: GeoPackage*, File Geodatabase*

* - Format produced by EDINA.

Data Allowance: 10000 km²

Grid Size: User Defined Area

Terms of Use: [OS NGD Digimap Licence](#)

Copyright: © Crown copyright and database rights 2025 Ordnance Survey (100025252)

National Geographic Database (NGD) Water Features is part of the Water Theme and represents topographic water area features such as watercourses, lakes, drains, springs and intertidal watercourses across Great Britain.

More info...

Clicking the arrow on the right of the product opens the information box

You can search for a product or choose from the list.

To see the data available, select the availability grid.

- The area selected is shown in yellow
- The area available for download is shown in pink

Downloading Data

- Select a map area and choose data layers (e.g., buildings, transport).
- Adjust the selection shape and size based on dataset limits.

Basket

Select the Version, Format, Theme and Layers using the drop down menus (▼) where available.
* Note that versions listed but greyed out are available on request by emailing edina@ed.ac.uk.

Product Name	Version	Format	Theme	Layers	Clip?
Boundaries	May 2024	GeoPackage ▼	N/A	Select	Not Available
Water Features	May 2024	File Geodataba... ▼	N/A	All ▼	Not Available
Land Use Features	May 2024	Format* ▼	N/A	All ▼	Not Available

Give this download a name: [Optional]

Your download notifications will be sent to: denise.masek@ed.ac.uk [\[Change Email\]](#)

☒ Group my order in to a single download

☐ Send each dataset as soon as it is ready

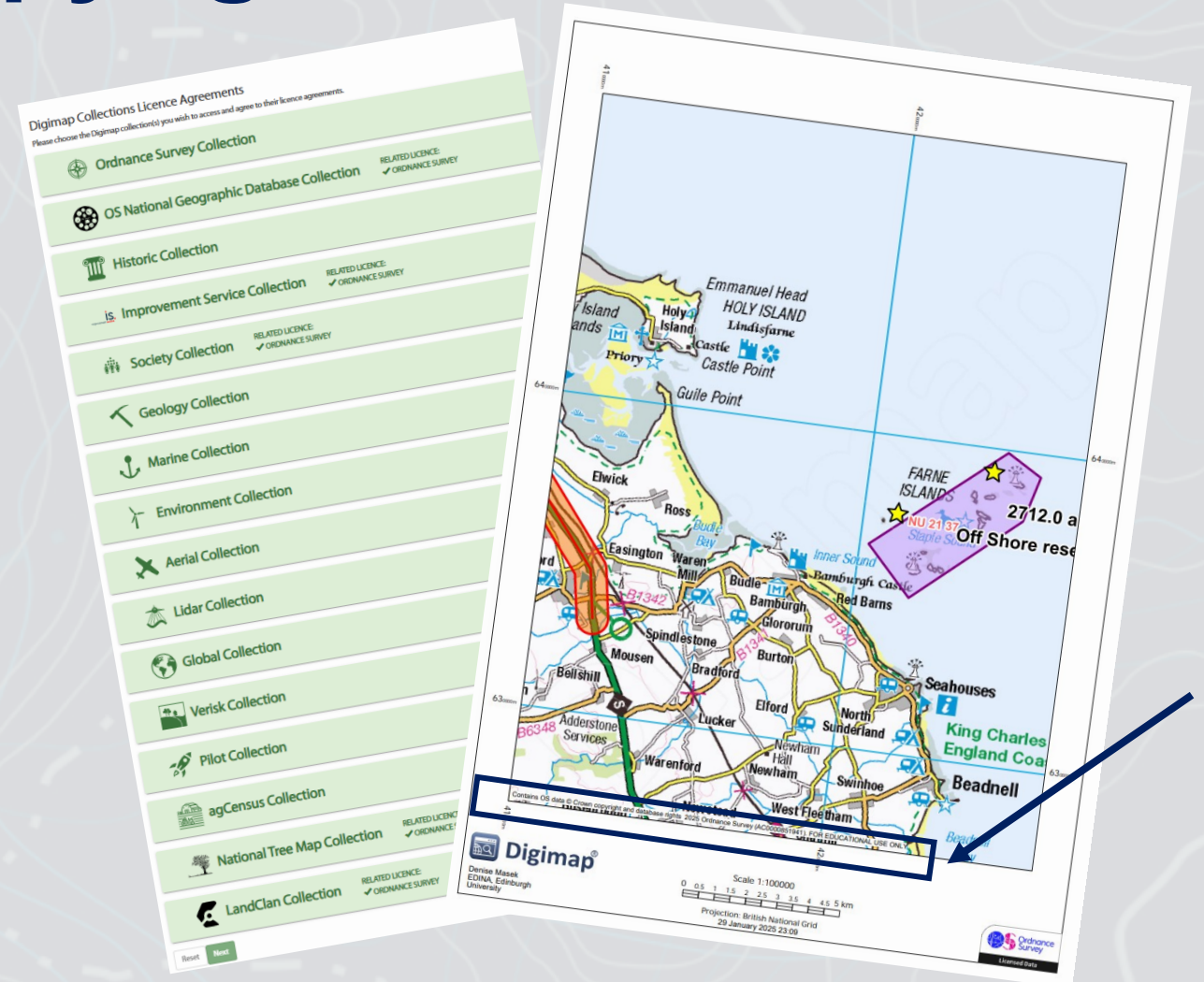
Clear Basket

Add More Data

Request Download

Licencing and Copyright Guidelines

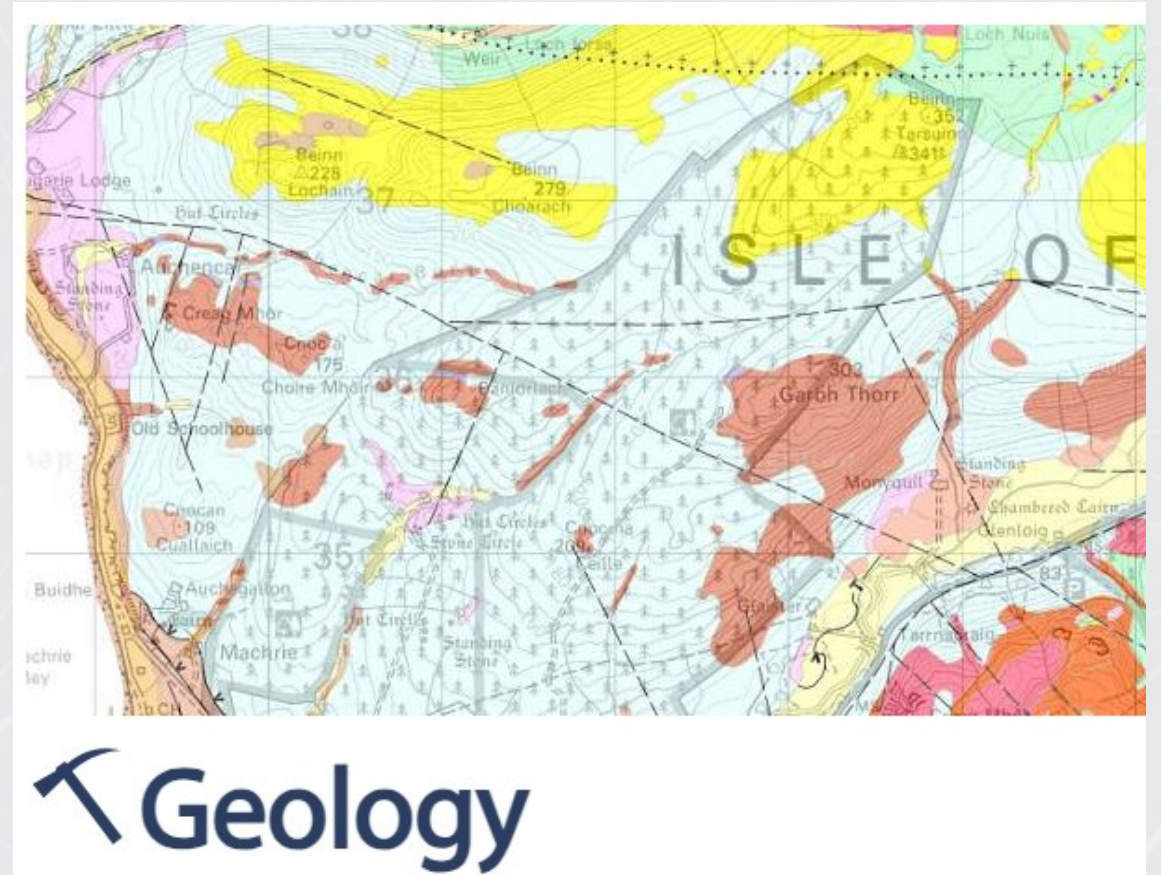
- All data from Digimap is licensed for educational use, requiring proper citation and acknowledgment.
- Cite any downloaded data and agree to the terms before use.
- When you print a map, it will add the acknowledgement.
- When you download data, you'll receive a citation file to guide you in correctly acknowledging the data source.
- Our Help Pages offer detailed guidance on how to cite Digimap data in your academic work.
<https://digimap.edina.ac.uk/help/copyright-and-licensing/>



Any Questions?

Geology Collection

- Essential for researchers in earth sciences, as well as professionals in construction and infrastructure planning.
- Offers insights into the underlying geology of an area, including rock types and geological features.



Marine Collection

- Used in offshore engineering, coastal management, marine ecology, and environmental assessments.
- Offers marine mapping data from OceanWise.



Environment Collection

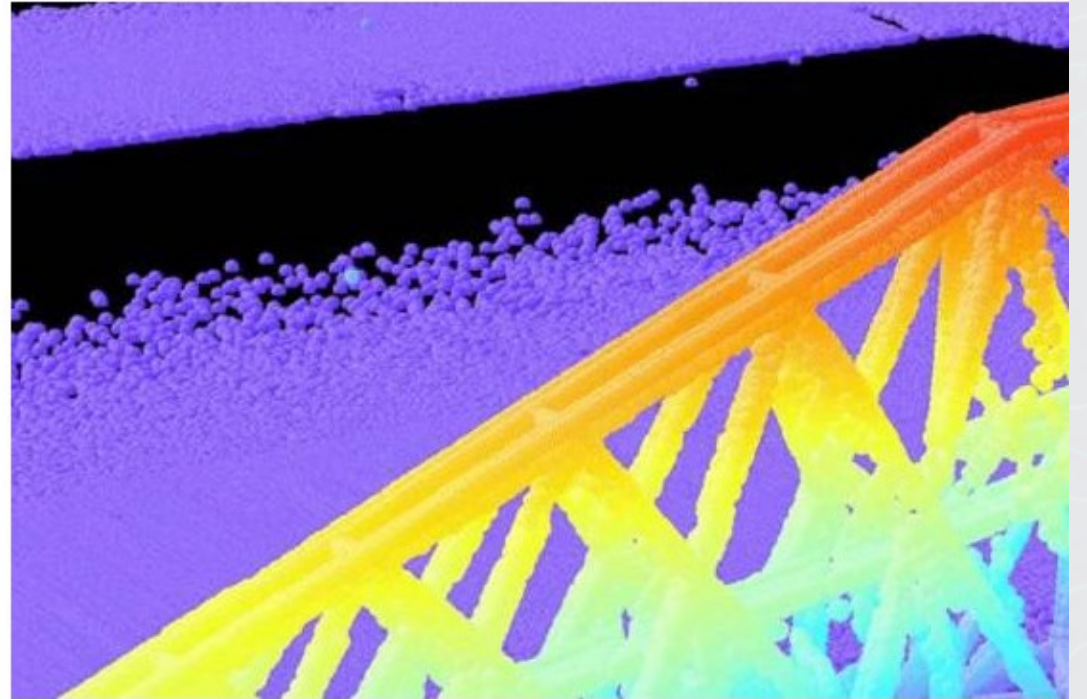
- Used for agriculture, conservation, urban planning, and environmental assessments.
- Mapping data from the UK Centre for Ecology and Hydrology.
- Land Cover Maps: Available from 1990 to 2020 - Includes diverse land cover types like grassland and urban areas.
- Additional Datasets: Includes Crops, Fertiliser, Pesticides, Woody Features.



Environment

Lidar Collection

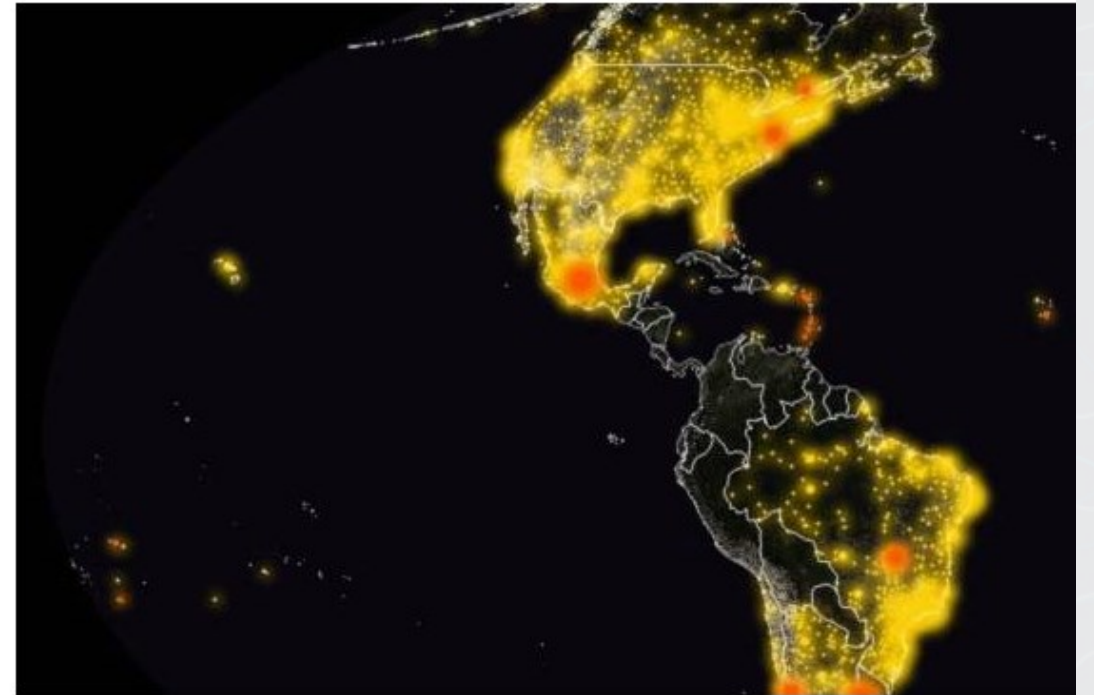
- Instrumental for virtual reality, archaeology, forestry, flood modelling, signal analysis.
- Offers detailed Lidar data and vertical aerial photography.
- Available under the Open Government Licence, free with Aerial Digimap subscription.



Lidar

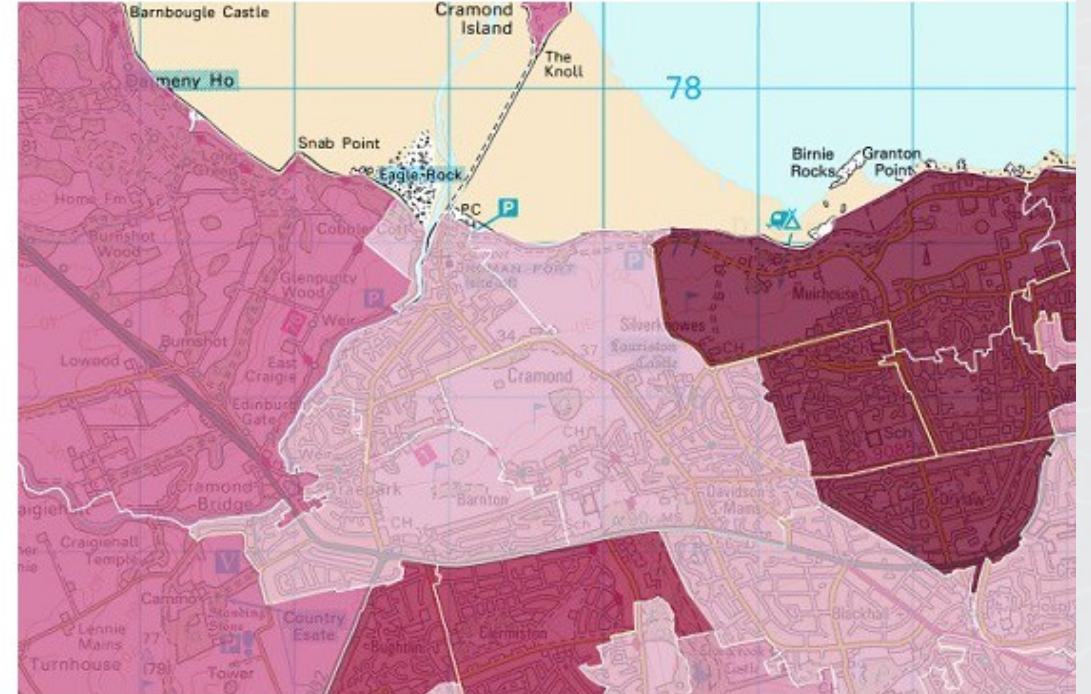
Global Collection

- Data Products:
 - **OpenStreetMap**: Volunteer-generated, open data
 - **Natural Earth**: Public domain, multi-scale data
 - **Collins Bartholomew**: Consistent global raster maps
- Features:
 - Browse, annotate, and print maps
 - Download data for GIS use



Society Collection

- Provides census and socio-economic data for Great Britain.
- Over 40 data layers, including Census 2011, broadband availability, and Output Area Classification.
- Visualize data layers with Ordnance Survey maps.
- Easy access to insights without GIS expertise.



Society

Pilot Collection

- Trial access to data based on user demand, with content subject to change and availability for limited periods.
- Free for subscribing institutions; accessible with any Digimap collection subscription.



Verisk Collection

- Provides detailed mapping data from Verisk 3D Visual Intelligence for academic use.
- Free for staff and students at subscribing institutions; no extra subscription required.



Verisk

agCensus Collection

- Time-series data from Agricultural Censuses in England, Scotland, and Wales.
- ~150 farm data points in 2, 5, or 10 km grid squares.
- Coverage:
 - Great Britain: Key years between 1969–1994.
 - England: 2000–2016 (selected years).
 - Wales: 2000–2018.
 - Scotland: 1969–2019 (with gaps).

