

# Digimap Collections: an introduction

30<sup>th</sup> March 2021

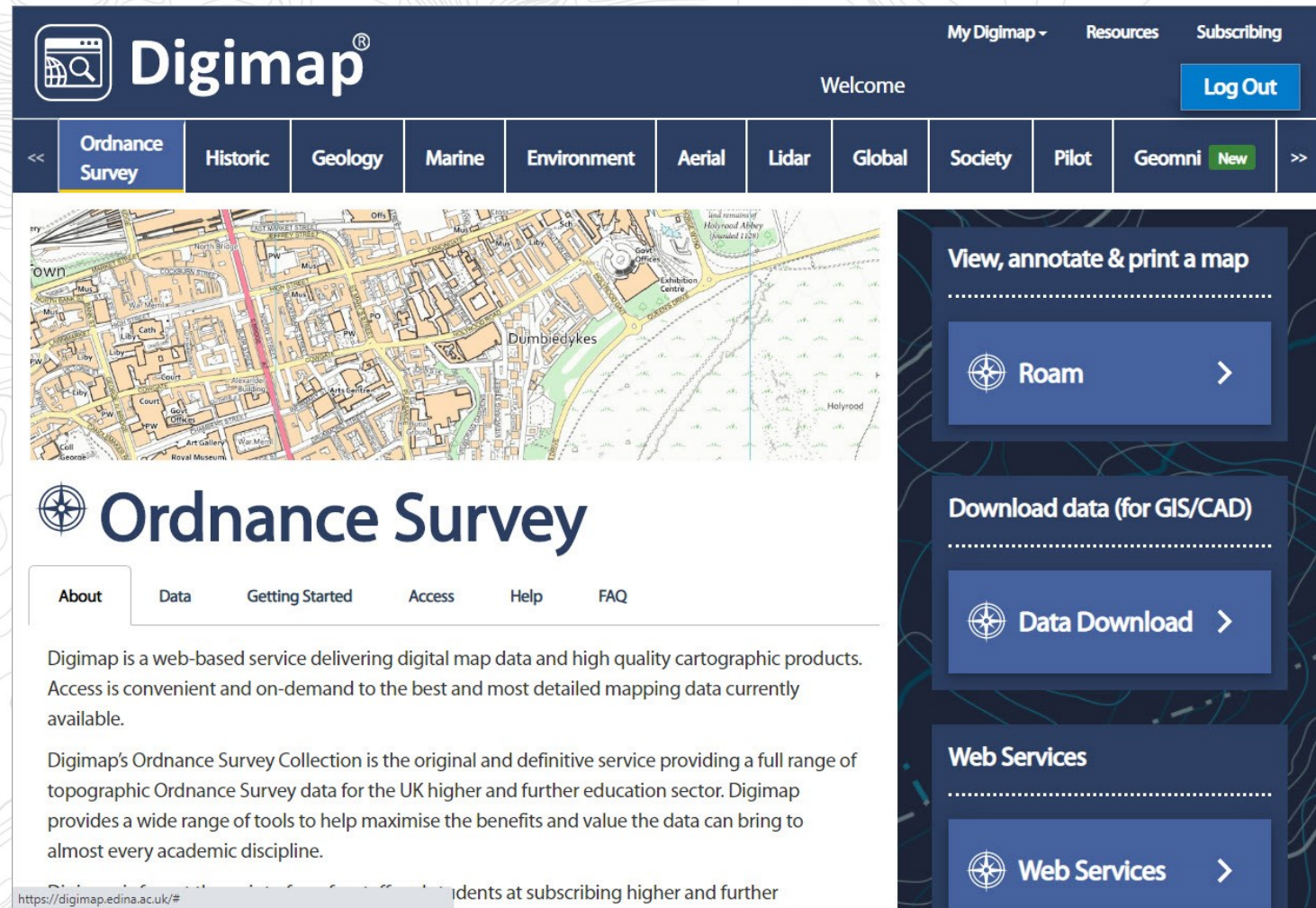
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Geoservices Support, EDINA

# Content

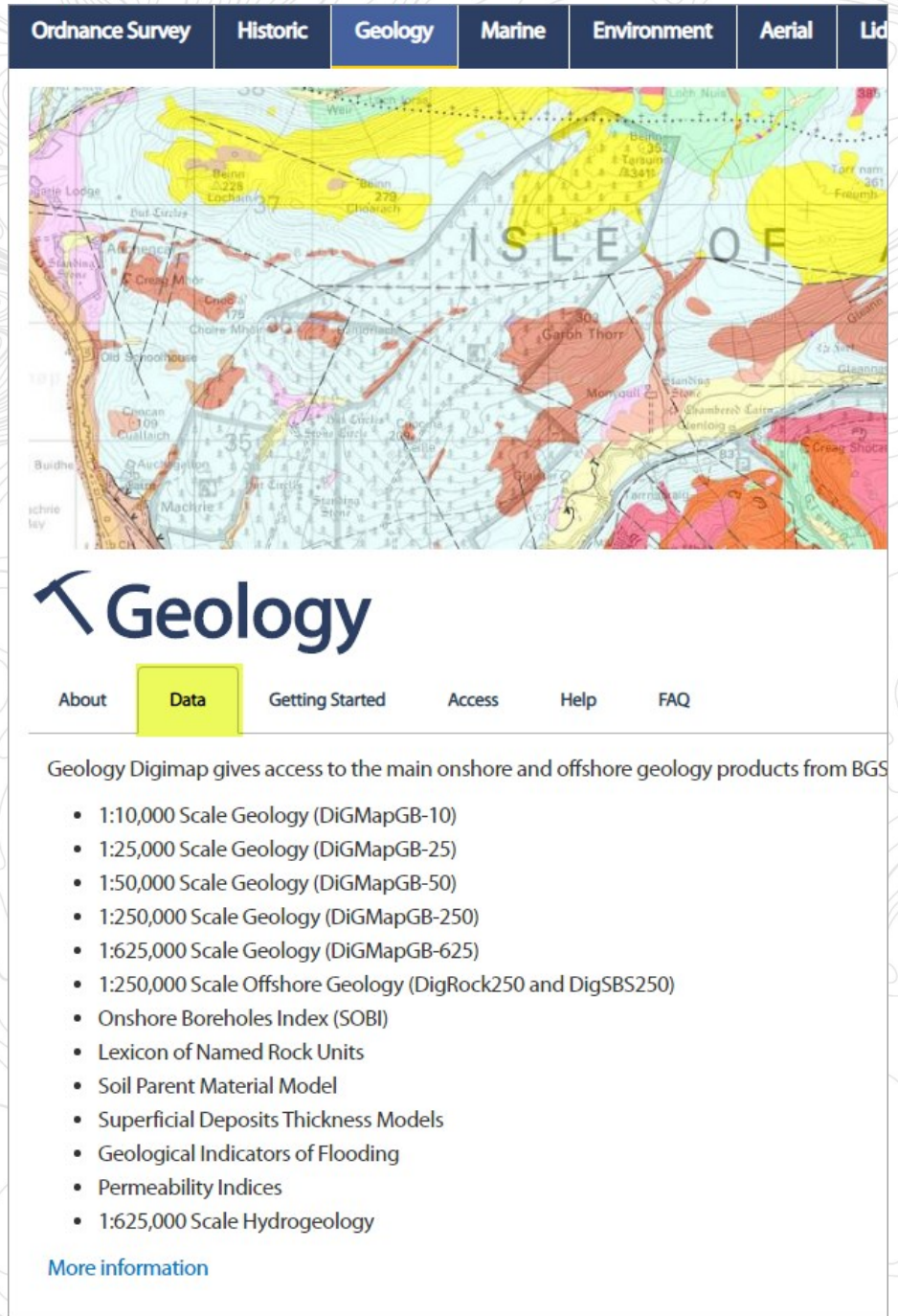
- Our collections
- Our applications
  - Roam
  - Data Download
- Copyright
- Questions



The screenshot shows the Digimap website interface. At the top, there is a dark blue header with the Digimap logo on the left, and navigation links for "My Digimap", "Resources", and "Subscribing" on the right. A "Welcome" message and a "Log Out" button are also present. Below the header is a horizontal menu with tabs for "Ordnance Survey", "Historic", "Geology", "Marine", "Environment", "Aerial", "Lidar", "Global", "Society", "Pilot", and "Geomni" (marked as "New"). The main content area features a topographic map of Edinburgh, Scotland, with labels for "Dumbiedykes", "Holyrood", and "Exhibition Centre". Below the map is the "Ordnance Survey" logo and a navigation menu with "About", "Data", "Getting Started", "Access", "Help", and "FAQ". The "About" section contains text describing Digimap as a web-based service and mentioning the Ordnance Survey Collection. On the right side, there is a vertical sidebar with three main sections: "View, annotate & print a map" containing a "Roam" button, "Download data (for GIS/CAD)" containing a "Data Download" button, and "Web Services" containing a "Web Services" button. The URL "https://digimap.edina.ac.uk/#" is visible at the bottom left of the screenshot.

# Our collections

- 11 Digimap Collections
- New collection in 2021/22 - AgCensus
- Universities and colleges subscribe to a selection dependent on requirements
- EDINA licenses mapping data from different agencies and companies for educational use
- Data tab on each collection provides info. on mapping data
- <https://digimap.edina.ac.uk>



Ordnance Survey Historic Geology Marine Environment Aerial Lid

ISLE OF SKYE

## Geology

About Data Getting Started Access Help FAQ

Geology Digimap gives access to the main onshore and offshore geology products from BGS

- 1:10,000 Scale Geology (DiGMapGB-10)
- 1:25,000 Scale Geology (DiGMapGB-25)
- 1:50,000 Scale Geology (DiGMapGB-50)
- 1:250,000 Scale Geology (DiGMapGB-250)
- 1:625,000 Scale Geology (DiGMapGB-625)
- 1:250,000 Scale Offshore Geology (DigRock250 and DigSBS250)
- Onshore Boreholes Index (SOBI)
- Lexicon of Named Rock Units
- Soil Parent Material Model
- Superficial Deposits Thickness Models
- Geological Indicators of Flooding
- Permeability Indices
- 1:625,000 Scale Hydrogeology

[More information](#)

# Our applications

## Roam

- Browse maps. Print PDF/PNG.
- Customise with drawings, overlays, select map features to display, add in your data, images or a Web Map Service.

## Data Download

- Download mapping data for further analysis. Need software, such as ArcGIS, QGIS, AutoCAD...

## Web Map Services

- View our maps in other software with a link. Still need login details. No need to store data.

### View, annotate & print a map

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 Roam >

### Download data (for GIS/CAD)

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 Data Download >

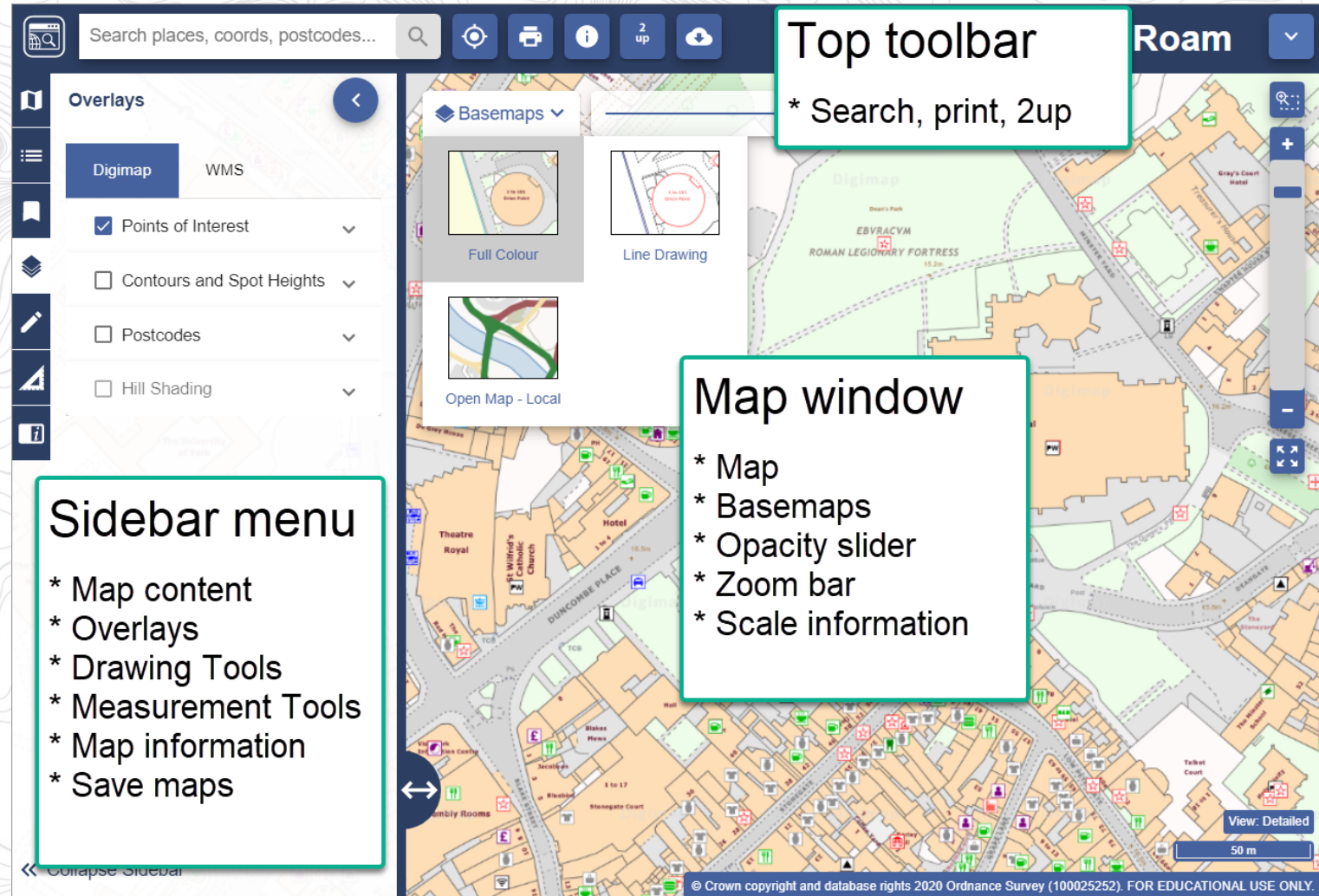
### Web Services

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 Web Services >

# Roam

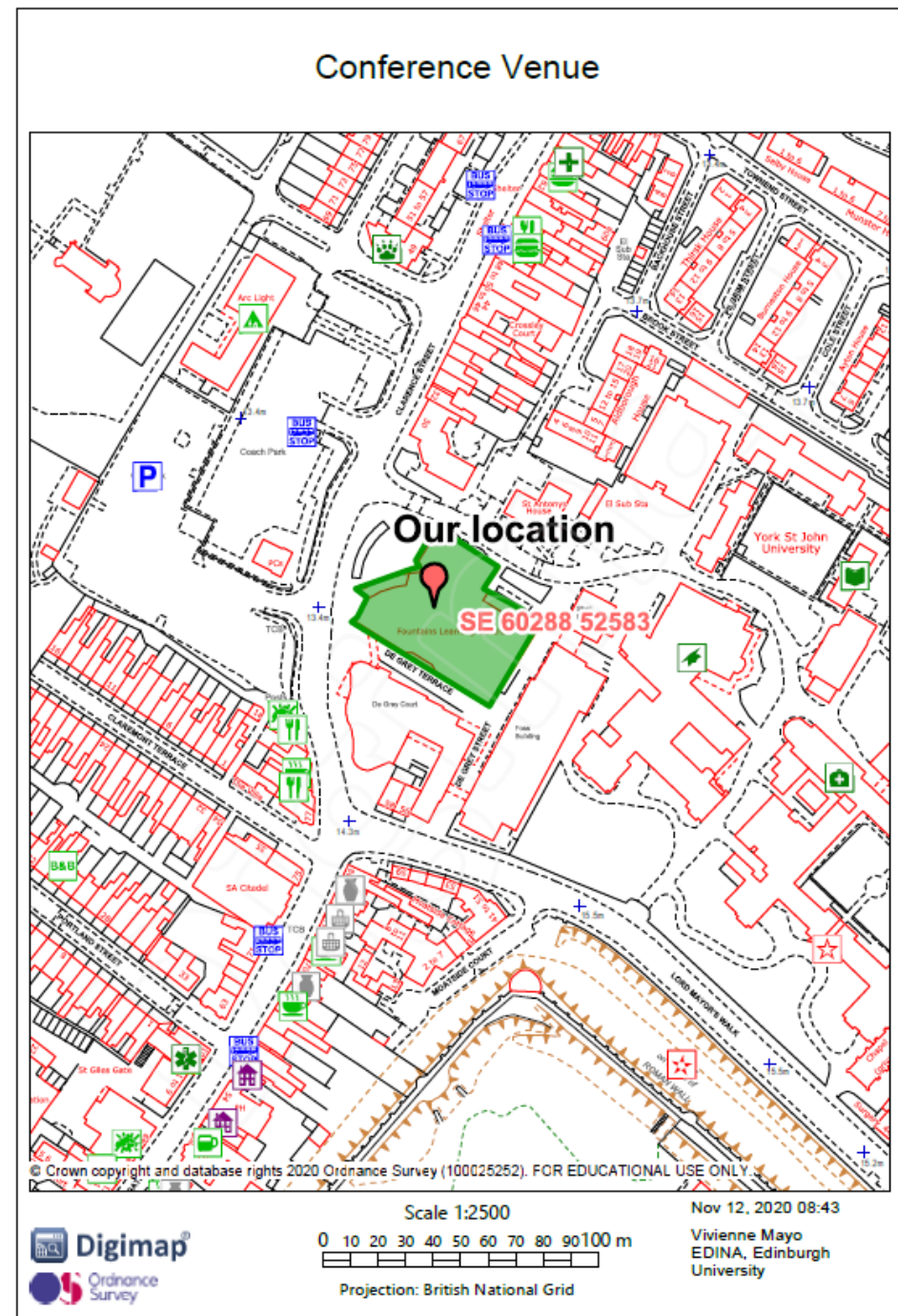
- Separate Roam for each collection
- Layout and key functions are same
- Features available vary, depending on the maps



# Roam example 1

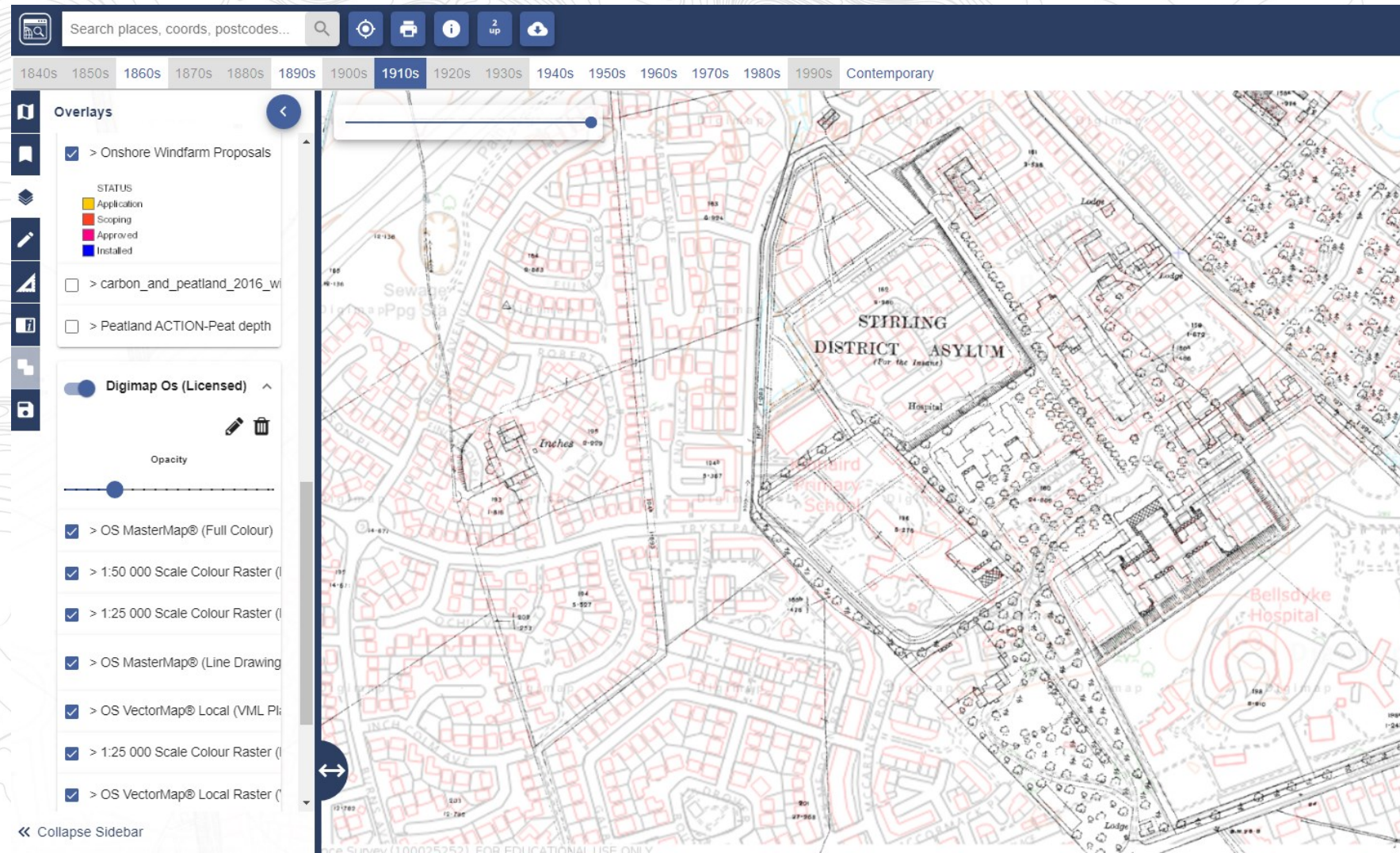
Create A5 PDF print in OS Roam:

- Search for location
- Zoom in
- Change basemap
- Add label, polygon, grid ref marker
- Add Points of Interest overlay
- Print A5 portrait



# Roam example 2

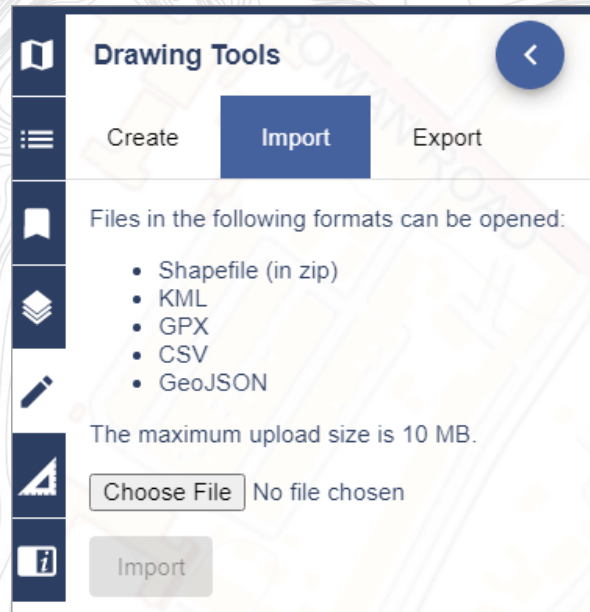
1. Viewing County historical map.
2. Added in Digimap OS Web Map Service in Overlays menu.



# Roam - add data – 2 methods

## 1. Drawing Tools menu

- Select Import
- Choose File
- Import



## 2. Overlays menu

- Select WMS
- Manually Add WMS Feed (a link you have identified)
- [https://digimap.edina.ac.uk/webhelp/digimapsupport/common\\_help/roam/wms.htm](https://digimap.edina.ac.uk/webhelp/digimapsupport/common_help/roam/wms.htm)



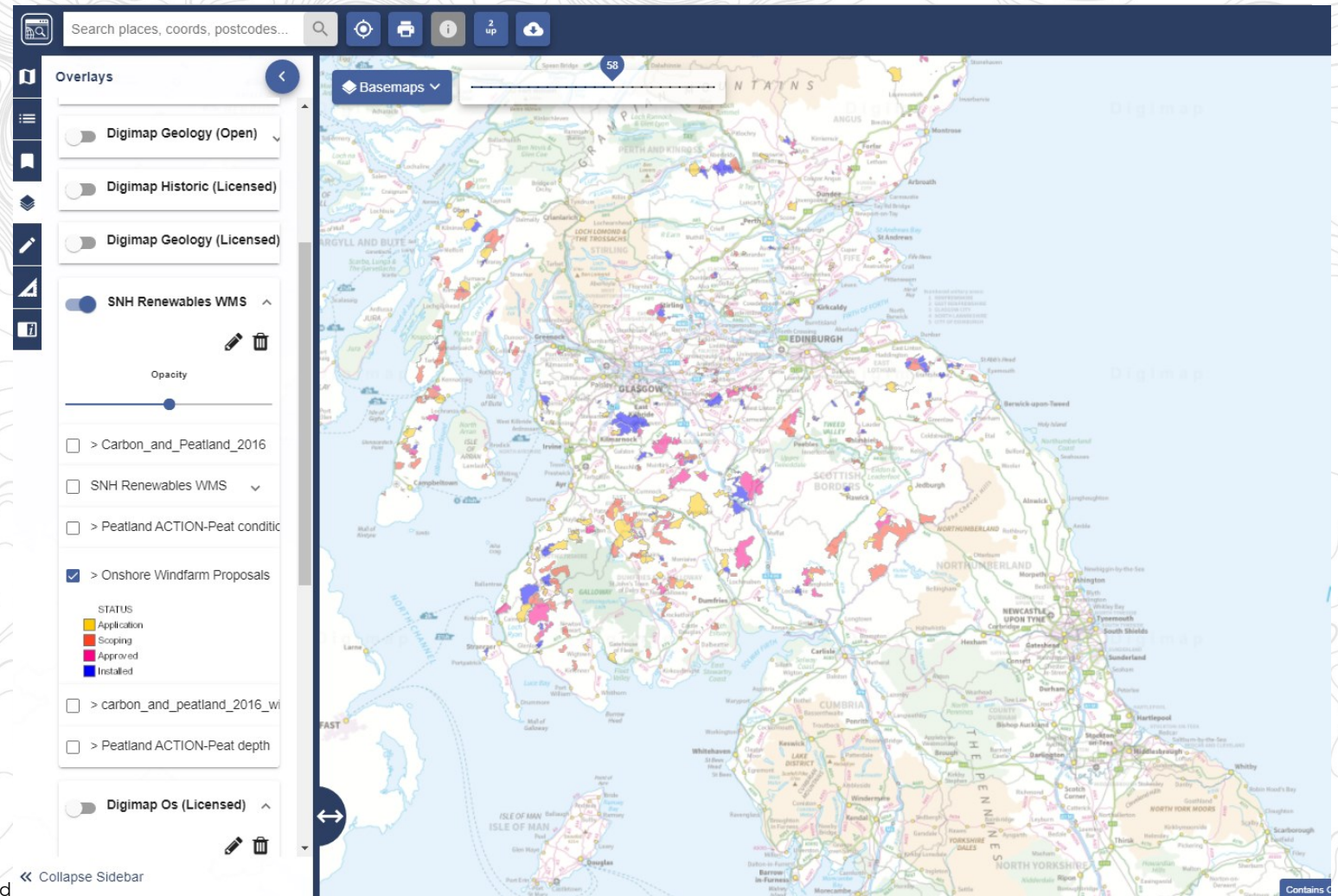


# Roam example 3

1. Sourced data file: Onshore wind farm proposals.
2. Drawing Tools menu, select Import.
3. Added in same data from WMS.

\*Data sourced from:

<http://gateway.snh.gov.uk/natural-spaces/index.jsp>



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« Collapse Sidebar

# Data Download

## Case study

“I need detailed topographic data to create a site plan in AutoCAD. I am interested in the building heights and adding a background map to my model.”

### Steps:

1. Highlight area on map
2. Select the map data you require:
  1. OS MasterMap topography
  2. Building Height attribute
  3. Background data
3. Add to basket
4. Select format and other options
5. Download data file

The screenshot displays the OS Data Download web application interface. The top navigation bar includes a search bar, a compass icon, and the text "OS Data Download". The main interface is divided into a left sidebar and a right map area. The sidebar contains a "Select Area of Interest" section with "Draw", "Modify", and "Delete" options, and a "Select Data Products" section. The "Select Data Products" section shows a list of products with checkboxes and "Order Size" information. The "OS MasterMap" section is expanded, showing three selected products: "Topography" (0.06/100 km²), "Building Height Attribute" (1/20 tiles), and "Greenspace" (1/200 tiles). The "Highways - All (FGDB Network)" product is not selected. The map area shows a street map with a yellow highlighted area. The bottom of the interface includes a "Click to start drawing" button, a "Current selection: 0.06 km²" indicator, and a "100 m" scale bar. The footer contains copyright and database rights information: "Copyright and database rights 2020 Ordnance Survey (100025252). FOR EDUCATIONAL USE ONLY".



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# Data Download

## Basket options:

- Version: data produced at different dates
- Format
- Theme e.g. plan or full colour
- Layers

Select the Version, Format, Theme and Layers using the drop down menus ( v ) where available.

Product Name	Version	Format	Theme	Layers	Clip ?
Topography	August 2020	Select Format		All	Not Available
Building Height Attribute	October 2019	DWG		N/A	Not Available
OS Terrain 5 DTM	July 2020	File Geodatabase		N/A	Not Available
		GeoPackage			

Give this download a name: [Optional]  Group my order in to a single download  Send each dataset as soon as it is ready

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

Clear Basket Add More Data Request Download

# Our maps and data info.

- Data Download has categories of data
- Product info. box for each dataset

Select Data Products

Filter Products ▼

Product	Order Size
<b>OS MasterMap (0 selected)</b>	
<input type="checkbox"/> Topography	0.00/100 km <sup>2</sup> >
<input type="checkbox"/> Building Height Attribute	0/20 tiles >
<input type="checkbox"/> Greenspace	0/200 tiles >
<input type="checkbox"/> Highways - All (FGDB Network)	Complete >
<input type="checkbox"/> Highways - Paths	Complete >
<input type="checkbox"/> Highways - Roads	Complete >
<input type="checkbox"/> Sites Layer	0.00/10000 km <sup>2</sup> >
<input type="checkbox"/> Water Network	0/200 tiles >
<b>Backdrop Mapping (0 selected)</b>	
<b>Land and Height Data (0 selected)</b>	
<b>Vector Data (0 selected)</b>	
<b>Boundary and Location Data (0 selected)</b>	
<b>OS Identifiers (0 selected)</b>	
<b>Ordnance Survey Northern Ireland (0 selected)</b>	
<b>Improvement Service - Scotland (0 selected)</b>	
<b>Archived Datasets (0 selected)</b>	

Add To Basket View Basket

Product Information ◀

**OS MasterMap Building Height Attribute**

Scale: 1:2 500

Current Version: October 2019

Data Format: CSV\*, File Geodatabase\*, DWG\*

\* - Format produced by EDINA.

Data Allowance: 20 tiles

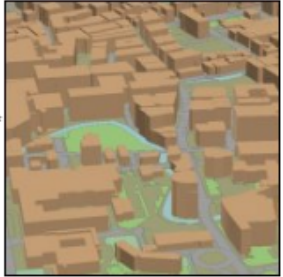
Grid Size: 5 km by 5 km tiles

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

Copyright: © Crown copyright and database rights 2020 Ordnance Survey (100025252)

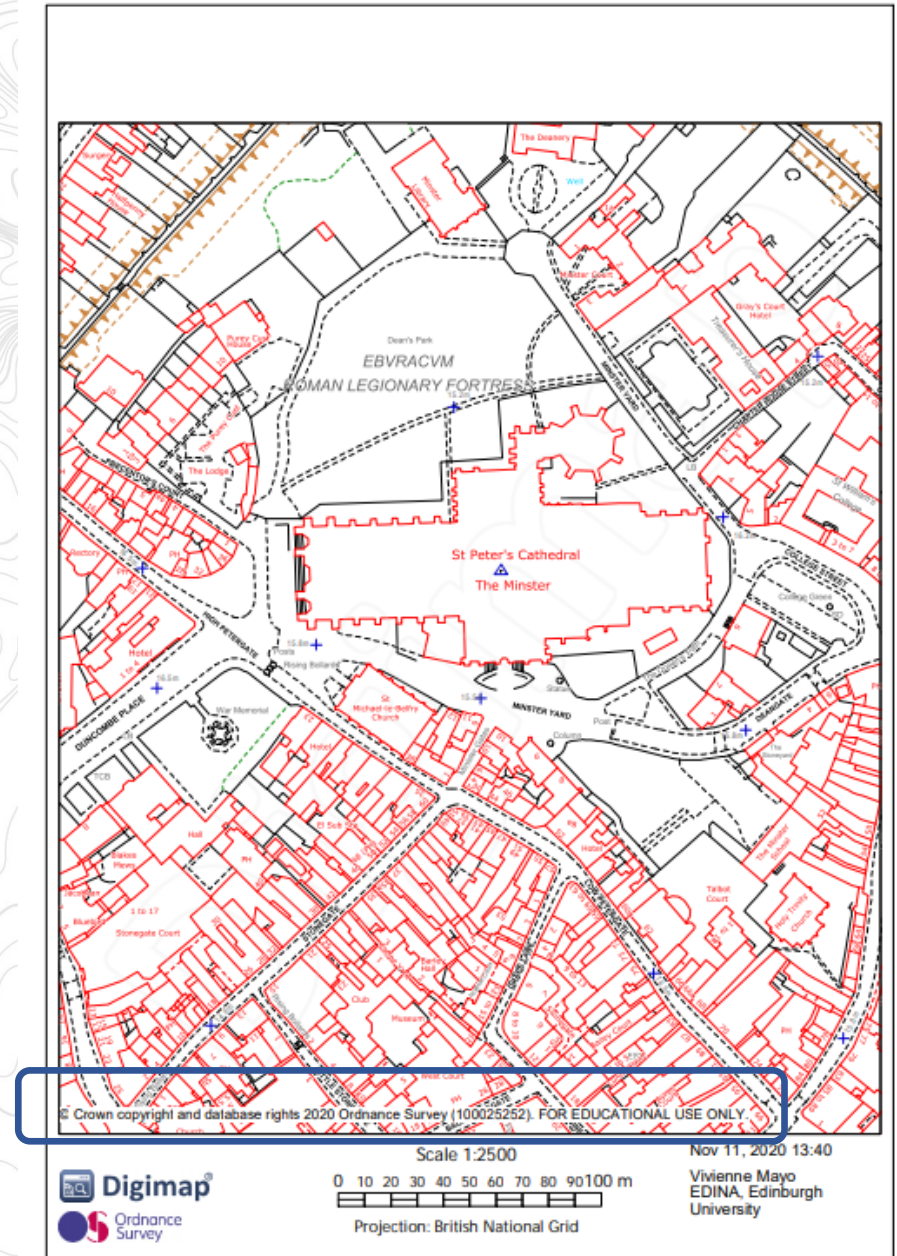
Building Height Attribute shows building height properties to help manage assets, plan works and visualise urban density

More info...



# Copyright

- Educational use only
- Must acknowledge maps used in print or online
- Prints have an acknowledgement
- Licence agreements
  - [https://digimap.edina.ac.uk/webhelp/digimapsupport/license\\_and\\_terms\\_of\\_service/licence\\_agreements.htm](https://digimap.edina.ac.uk/webhelp/digimapsupport/license_and_terms_of_service/licence_agreements.htm)
- Citation guidance
  - [https://digimap.edina.ac.uk/webhelp/digimapsupport/license\\_and\\_terms\\_of\\_service/citation.htm](https://digimap.edina.ac.uk/webhelp/digimapsupport/license_and_terms_of_service/citation.htm)







# Citation guidance

- [https://digimap.edina.ac.uk/webhelp/digimapsupport/license\\_and\\_terms\\_of\\_service/citation.htm](https://digimap.edina.ac.uk/webhelp/digimapsupport/license_and_terms_of_service/citation.htm)
- Sample citation for a map created in Roam:
  - Smith, Claire, “Durham Cathedral”, PDF map, Scale 1:2500, OS MasterMap, November 2019, Ordnance Survey, using Digimap Ordnance Survey Collection, <https://digimap.edina.ac.uk/>, created 10 November 2020.

Field	Example	Where to get the info.?
Author	You	
Map title	Durham Cathedral	Your title
Map format	e.g. PDF, PNG	Check format on your device
Scale	1:1250	Provided on map print or in Map Info. in Roam
Map data product	OS MasterMap	Map Information in Roam
Map data date	November 2019	Map Information in Roam
Service used	Digimap OS Collection	
URL of service	<a href="https://digimap.edina.ac.uk">https://digimap.edina.ac.uk</a>	
Date created, downloaded or accessed	10 November 2020	Provided on map print

# Citation guidance

- Downloaded data? Citation is provided with the data. Sample citations:
  - OS MasterMap Building Height Attribute [DWG geospatial data], Scale 1:2500, Tiles: se37sw, Updated: 30 August 2019, Ordnance Survey (GB), Using: EDINA Digimap Ordnance Survey Service, <<https://digimap.edina.ac.uk>>, Downloaded: 2020-11-12 10:56:45.827
  - OS MasterMap® Topography Layer [DWG geospatial data], Scale 1:1250, Tiles: GB, Updated: 28 November 2019, Ordnance Survey (GB), Using: EDINA Digimap Ordnance Survey Service, <<https://digimap.edina.ac.uk>>, Downloaded: 2020-11-12 10:56:45.827

Name	Type
 mastermap_building_heights_3747...	File folder
 mastermap-topo_plan_3747164	File folder
 citations_orders_1606776.txt	TXT File
 contents_order_1606776.txt	TXT File

# Questions



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