# Digimap Collections: an introduction
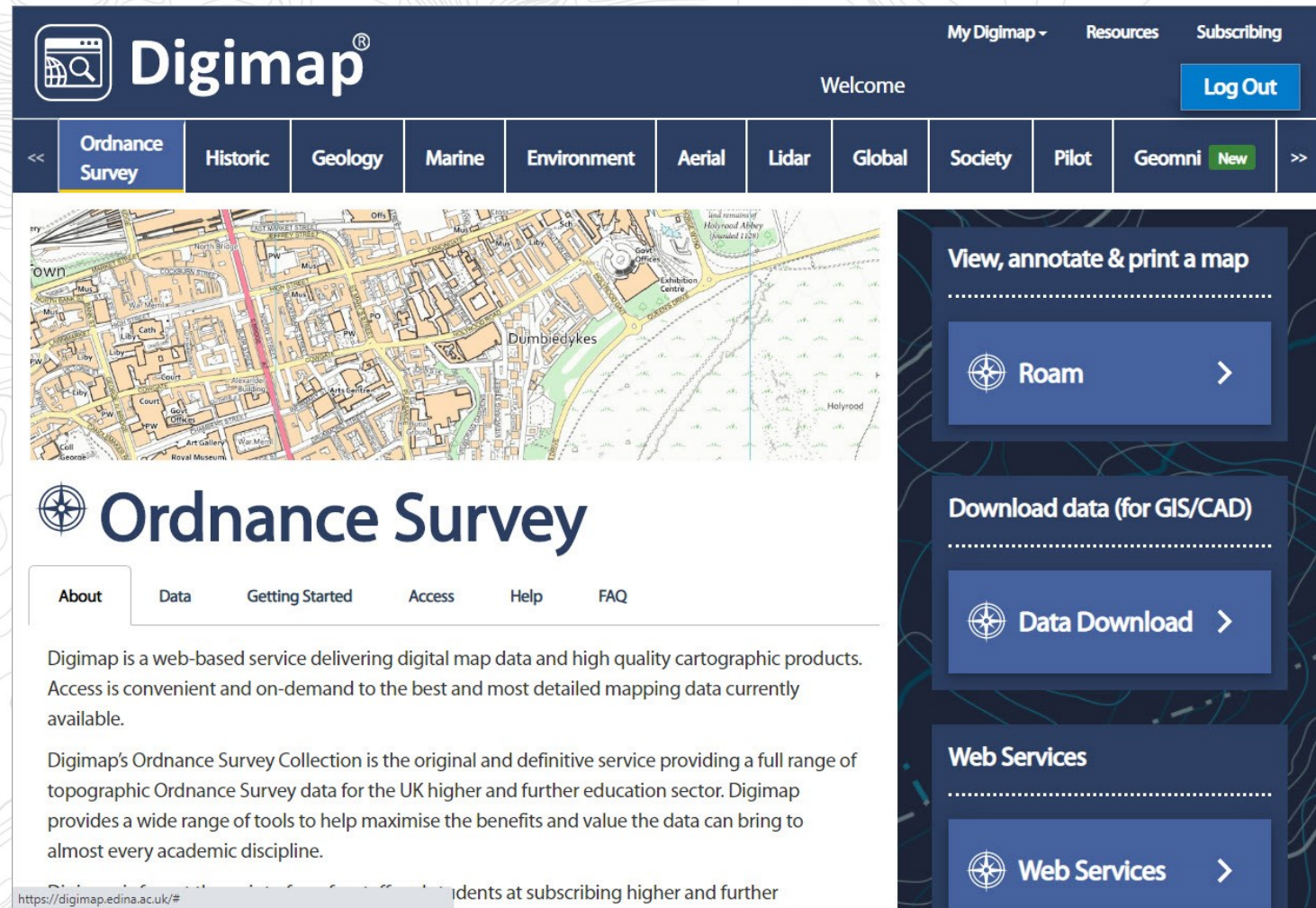
## 30th March 2021

## Emma Diffley

## Vivienne Mayo

## Geoservices Support, EDINA
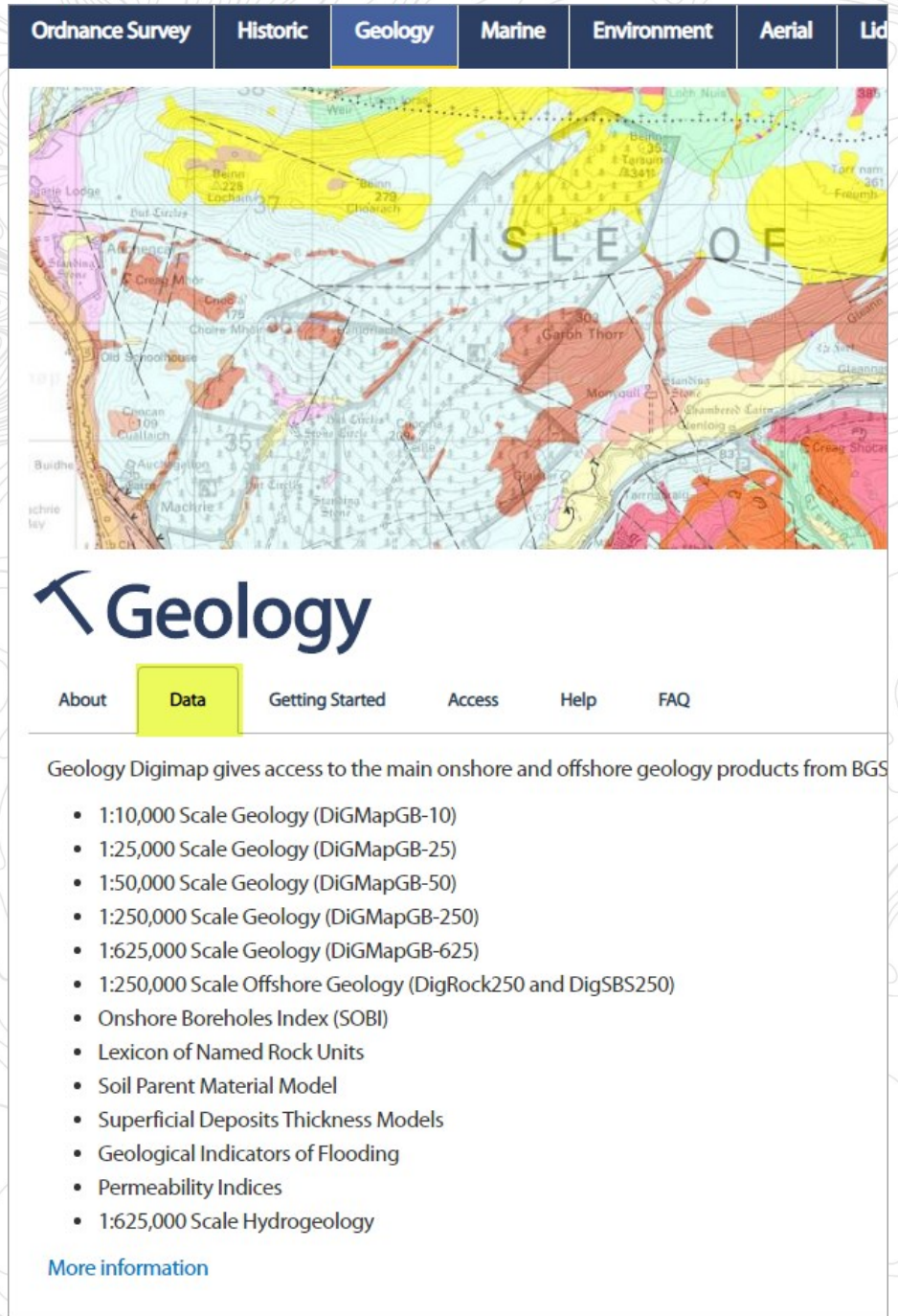
# Content

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# 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



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Digimap

# 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
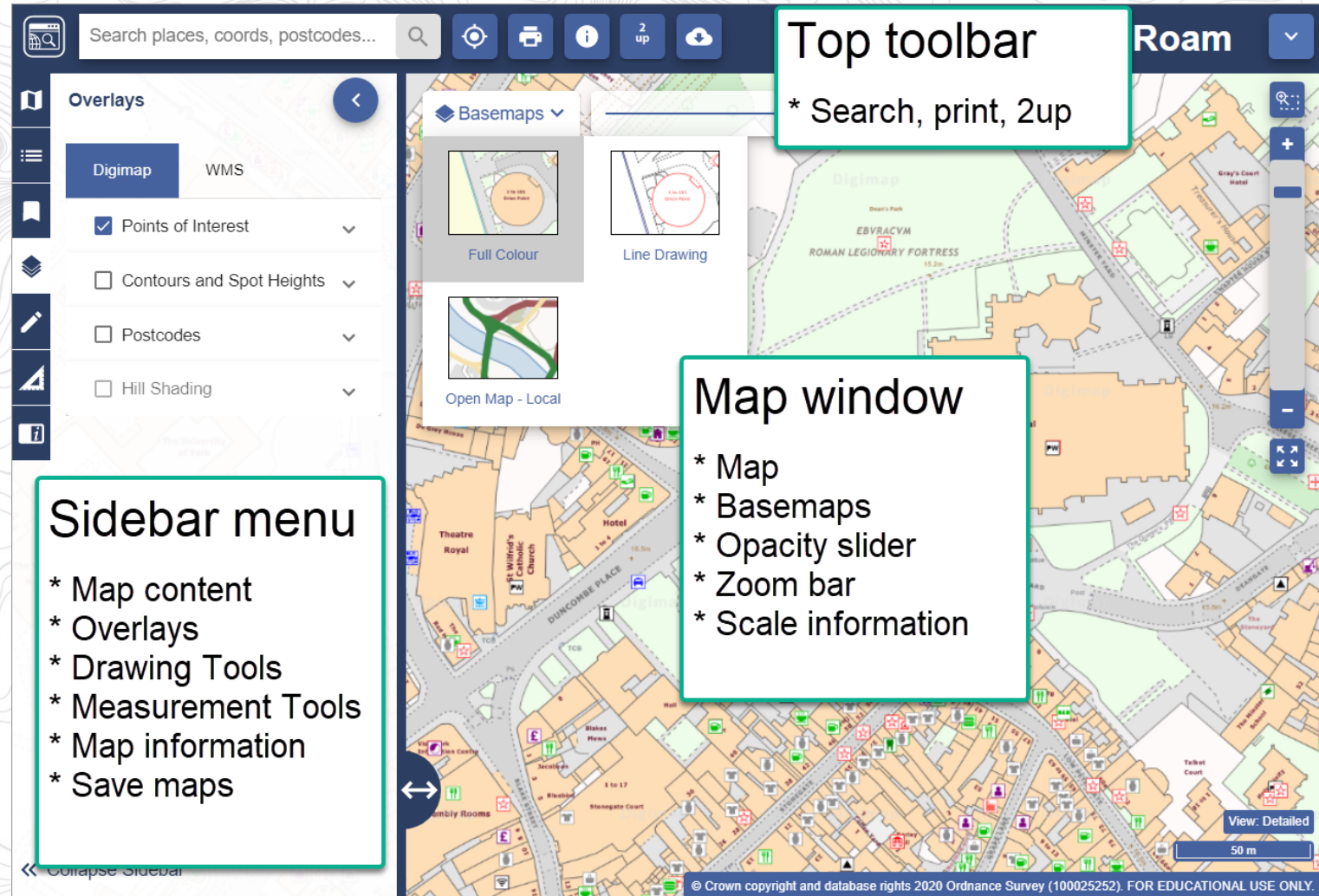
⊕ Roam ＞

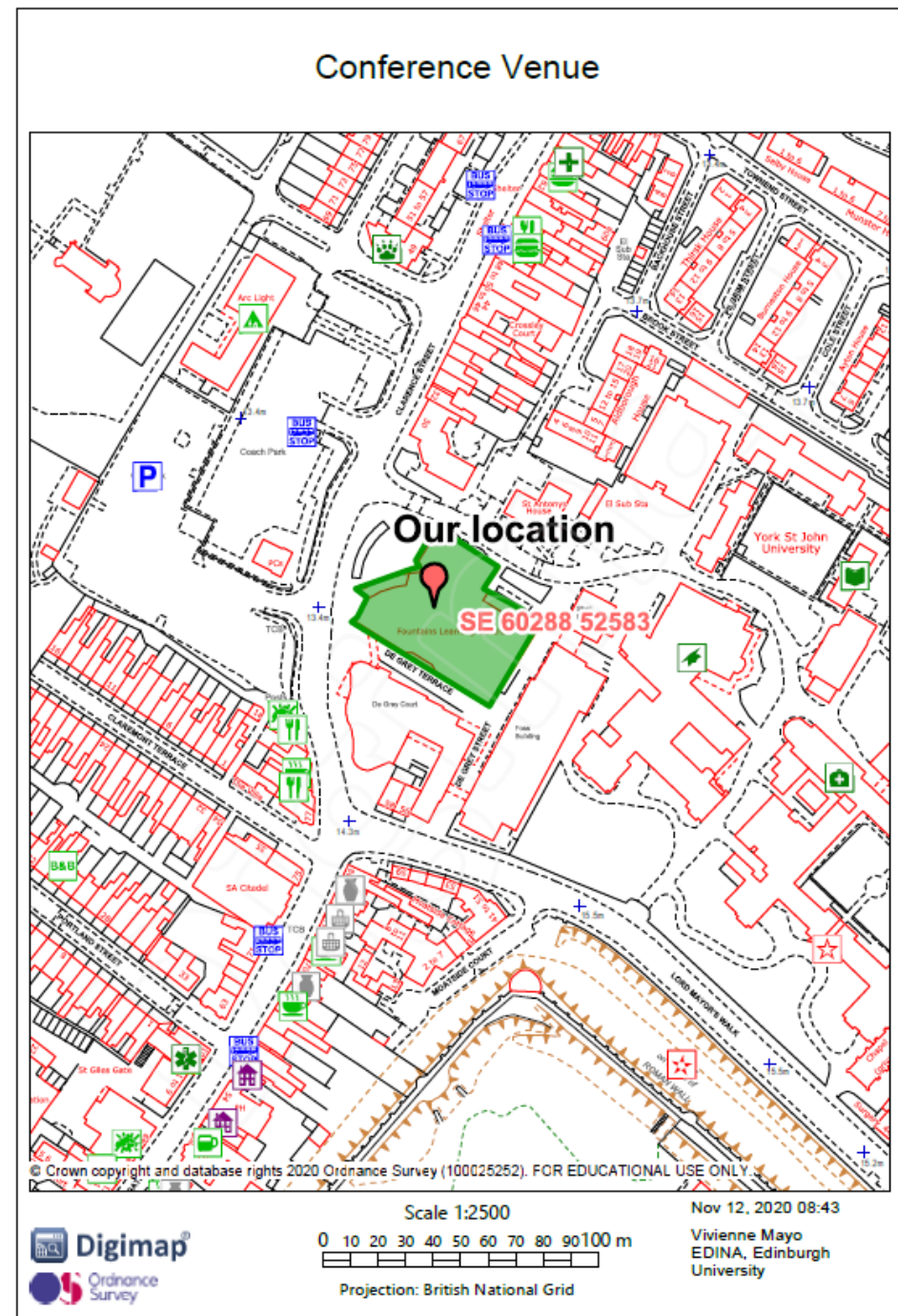Download data (for GIS/CAD)

⊕ Data Download ＞

Web Services

⊕ Web Services ＞

# Roam

- Separate Roam for each collection

- Layout and key functions are same

- Features available vary, depending on the maps



**Top toolbar**

* Search, print, 2up

**Map window**

* Map
* Basemaps
* Opacity slider
* Zoom bar
* Scale information

**Sidebar menu**

* Map content
* Overlays
* Drawing Tools
* Measurement Tools
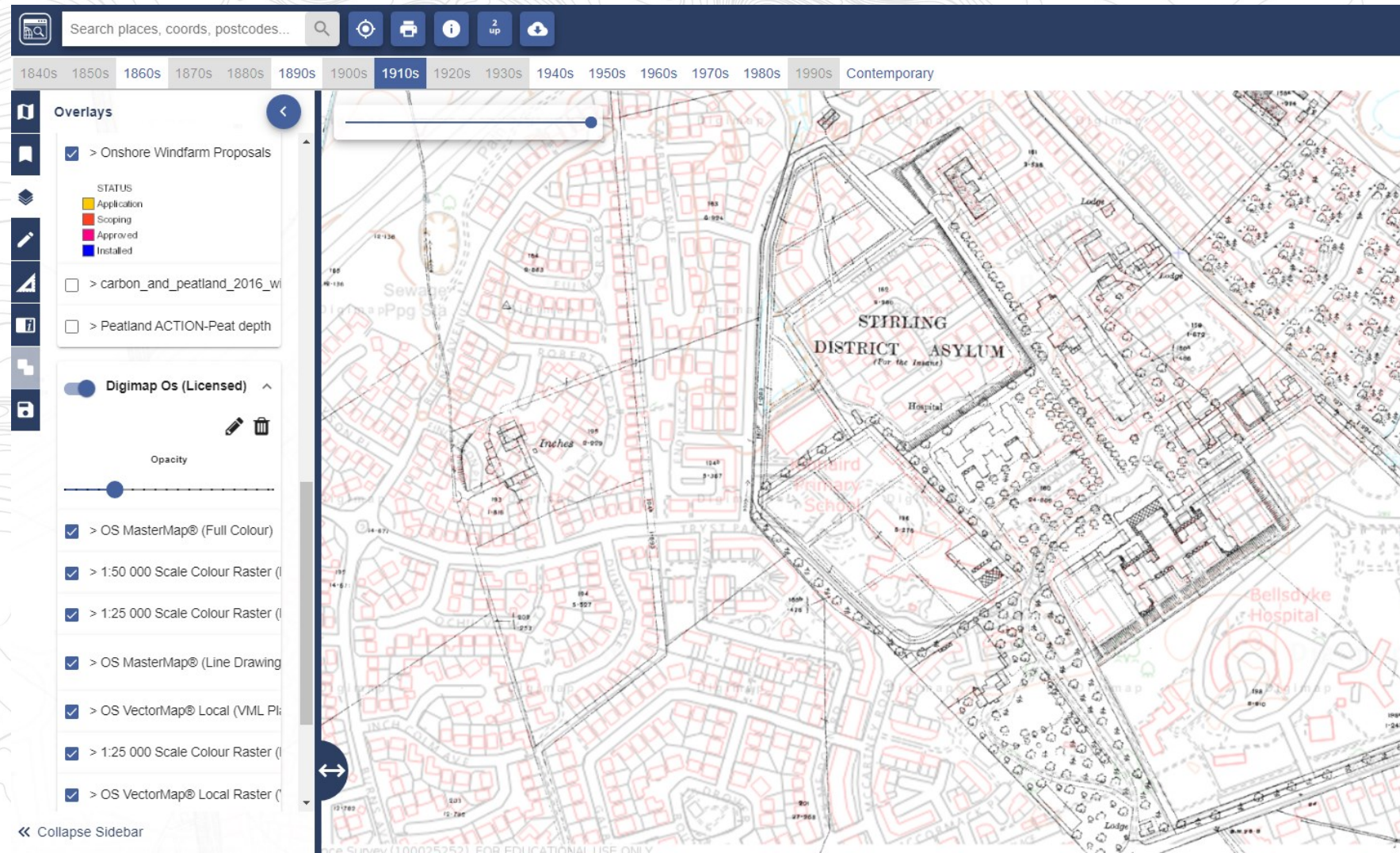* Map information
* Save maps

# Roam example 1

Create A5 PDF print in OS Roam:

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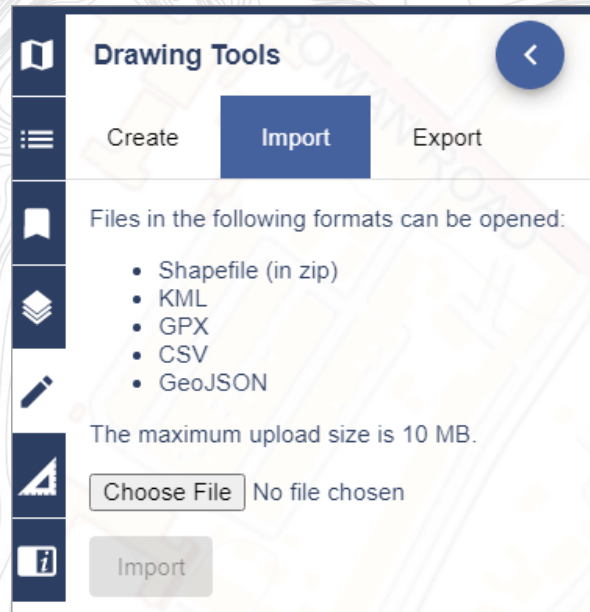- Add Points of Interest overlay
- Print A5 portrait

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Digimap

The University of Edinburgh is a charitable body, registered in Scotland, with registration number SC005336



Conference Venue

Our location

SE 60288 52583

© Crown copyright and database rights 2020 Ordnance Survey (100025252). FOR EDUCATIONAL USE ONLY.

Scale 1:2500

0 10 20 30 40 50 60 70 80 90 100 m

Projection: British National Grid

Nov 12, 2020 08:43

Vivienne Mayo
EDINA, Edinburgh
University

Digimap

Ordnance Survey

# Roam example 2

1. Viewing County historical map.

2. Added in Digimap OS Web Map Service in Overlays menu.



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# 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

# 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

# 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

# Data Download

## Basket options:

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

# Our maps and data info.

- Data Download has categories of data

- Product info. box for each dataset

# 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
- Citation guidance
  - https://digimap.edina.ac.uk/webhelp/digimapsupport/license_and_terms_of_service/citation.htm
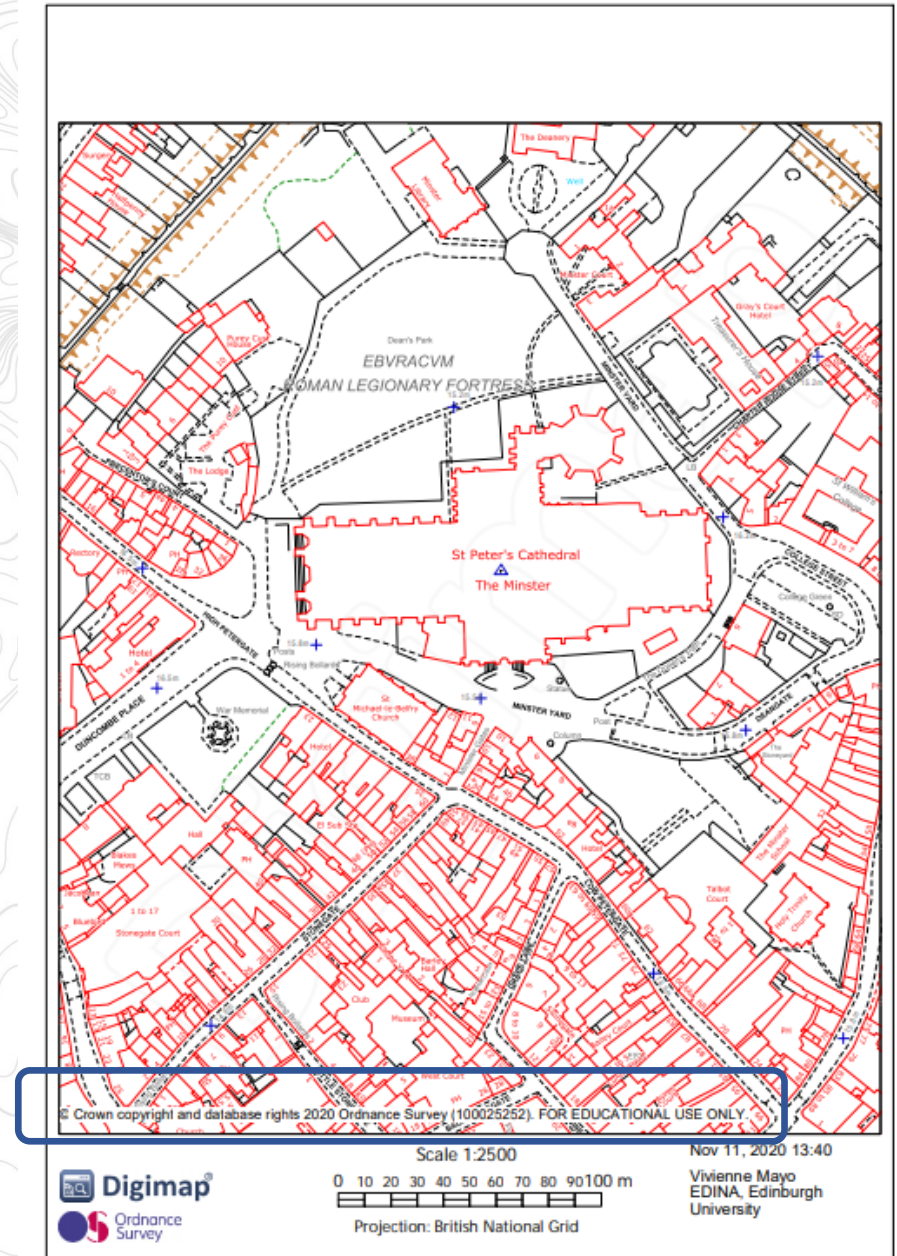
# Citation guidance

- https://digimap.edina.ac.uk/webhelp/digimapsupport/license_and_terms_of_service/citation.htm
- 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 | https://digimap.edina.ac.uk | |
| 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 MasterMapÂ® 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

# Questions