

Non OS Mapping & Data

The following is a selection of alternative mapping and data for your GIS projects.

Open Data (Free Digital Mapping)

Data.gov.uk

A government owned directory of various geospatial data from central government, local authorities and other public bodies. This is a comprehensive search engine for all Government data and statistics which links directly to data from:

- Office for National Statistics
- Environment Agency (Includes LiDAR aerial photography images)
- Natural England

And other departments/organisations.

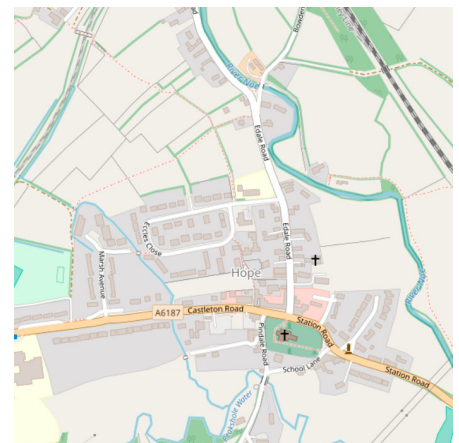
(Right shows a LiDAR Digital Surface Model (DSM) map of Manchester to 1 metre resolution)



Open Street Map

Open Street Map is an open source community map. Any user can make edits to the map to change boundaries, public rights of way, street names etc. This creates disparities in the map - some areas of the world have a more active community than others meaning some parts of the map are heavily detailed whereas others aren't.

Open Street Map is now available as a free base map in MapInfo v17.02.



OpenGeoScience by British Geological Survey

A free collection of geospatial datasets by the British Geological Survey aiming to make BGS data more accessible.

Their website offers a wide range of onshore and offshore datasets including borehole coverage, earthquake timelines, geology, geophysics, hydrocarbon samples, groundwater levels and soil observations amongst others.

They also offer free access to their GeoScenic geological photo archive.

<http://www.bgs.ac.uk/opengeoscience/home.html>

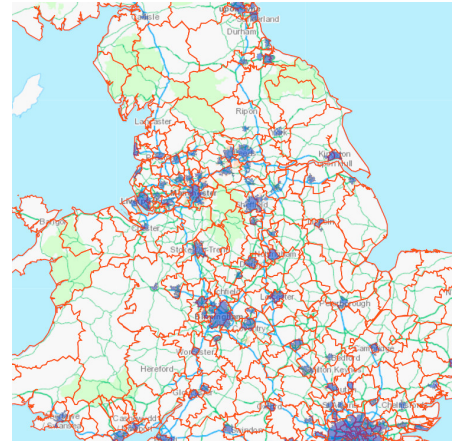


Office for National Statistics Open Geography Portal

Data available includes:

- Census and Electoral Data
- Boundary Data
- Postcode Directories
- Rural Urban Classification

<http://geoportal.statistics.gov.uk/>



Natural England

Data available includes:

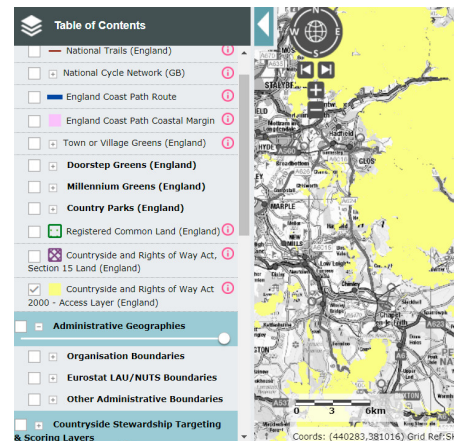
- SSIs
- AONBs
- Nature Reserves and National Parks

Available by running a search filter on the Data.gov website:

<https://data.gov.uk/search?q=natural+england&filters%5Bpublisher%5D=&filters%5Btopic%5D=&filters%5Bformat%5D=>

Or by using MAGIC (online mapping portal with option to download layers):

<https://magic.defra.gov.uk>



APGB (Aerial Photography for Great Britain)

Captured by Bluesky and GetMapping.

Available under the Public Sector Mapping Agreement.

All images are updated within three years.

Products available:

- Aerial Photography
- Digital Terrain Model
- Digital Surface Model
- Colour Infrared Aerial Photo

<https://www.apgb.co.uk/>



List of Government Open Data Websites:

(Many of these can also be accessed through the data.gov.uk portal)

British Geological Survey	http://www.bgs.ac.uk/opengeoscience/home.html
Canal and River Trust	http://data-canalrivertrust.opendata.arcgis.com/
Environment Agency	https://environment.data.gov.uk/
Forestry Commission	https://www.forestry.gov.uk/datasets
Highways England	http://tris.highwaysengland.co.uk/
HM Land Registry	http://landregistry.data.gov.uk/
Natural England	https://magic.defra.gov.uk
Natural Resources Wales	https://naturalresources.wales/evidence-and-data/maps
Office for National Statistics	http://geoportal.statistics.gov.uk/
Oil and Gas Authority	http://data-ogauthority.opendata.arcgis.com/
Scottish Government	https://spatialdata.gov.scot
UK Hydrographic Office	https://www.admiralty.co.uk/

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