

6.1 HOT Export Tool

Overview

HOT Export Tool allows users to download OSM data by specifying tags, area of interest, and file type. Learning resources and walkthroughs can be found at the HOT Export Tool Learn page.

Tools and Technology Needed:

- Computer
- Internet Connection
- OSM Account

HOT Training Materials



Step-by-Step Guide

Data Export Tools



Training Presentations

Downloading OSM data with the HOT Export Tool

Estimated time: [x min]

To get started, open an internet browser and go to: <https://export.hotosm.org/> To use the HOT Export Tool, you will need to log in using your OSM username and password, by clicking the red “Log In” button in the top right-hand corner.

The screenshot shows the HOT Export Tool website. At the top, there is a navigation bar with the HOT Export Tool logo on the left and links for About, Learn, Exports, Configs, English (with a dropdown arrow), and a red Log In button on the right. The main content area features a background map of a city. In the center, the heading "Download OpenStreetMap Data" is displayed. Below this heading, a paragraph states: "The Export Tool is an open service that creates customized extracts of up-to-date OSM data in various file formats. Download and use the data simply by crediting the OpenStreetMap contributors." A blue button labeled "Start Exporting" is positioned below the text. At the bottom of the page, a section titled "Get Started" contains a paragraph: "Sign up for an OSM account to start creating exports. Our Quick Start guide will get you using the tool straight away, or read about the Export Tool in more detail through the Learn page."

Select 'Create' in the top menu.



Get Started

Sign up for an [OSM account](#) to start creating exports. Our [Quick Start](#) guide will get you using the tool straight away, or read about the Export Tool in more detail through the [Learn](#) page.

Select an AOI on the map by searching a place, uploading a .geojson, or drawing an area in the map to the right. To draw an area of interest, zoom in and find a location of your choice (i.e. Zwedru, Accra). Once you have zoomed in to your area of interest, select the box tool from the Tools Menu on the right. Click one corner to start drawing a box, then select the opposite corner to complete the box. This is your AREA OF INTEREST that will be downloaded.

1 Describe | 2 Formats | 3 Data | 4 Summary

Name
Name this export

Description

Project
Which project activation this export relates to

Next

OpenStreetMap database last updated 5 minutes ago

Search for a location or enter a bounding box as 'minX, minY, maxX, m'

Tools
BOX
DRAW
THIS VIEW
IMPORT

On the left hand side of the window, fill out the “1 Describe” options:

- Name: “[YOUR OSM USERNAME] Test Export”
 - For example, “jessbeutler Test Export”
- Description (optional)
- Project (optional)
 - For example, “Government Inclusion Project”

HOT EXPORT TOOL

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Tools

Area Of Interest (AOI)
☐ Custom Polygon
Draw

ZOOM TO SELECTION

Select preferred file type in the 'Formats' tab. *If downloading data to use in a GIS program, try downloading a .shp file.*

HOT EXPORT TOOL

1 Describe 2 Formats 3 Summary

File Formats See Learn (Export Formats) for details on each file format.

- ☐ Shapefile (.shp)
- ☐ GeoPackage (.gpkg)
- ☐ Garmin (.img)
- ☐ Google Earth (.kml)
- ☐ OSM (.pbf)
- ☐ MAPS.ME (.mml)
- ☐ OsmAnd (.obf)
- ☐ MBTiles (.mbtiles)

Next

OpenStreetMap database last updated 5 minutes ago

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Tools

Area Of Interest (AOI)
☐ Custom Polygon
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ZOOM TO SELECTION

In the 'Data' tab, select the types of OSM data to export. Recommend types to try: 'Education', 'Government', 'Healthcare'.



In the 'Summary' tab, select 'Create Export'. While processing, a "Running" status will show. Processing time depends on export size. Once completed, the file will be available for download & sent to your email.



This process will take several minutes to process.

When the export process is completed, the 'Status' bar will be updated to 'COMPLETED'. Download the file by clicking on the file link, as highlighted below. For shapefiles, open the downloaded .zip folder and save it to a folder of your choice on your computer. You can now use the shapefile in a GIS software such as QGIS.

[image]