

Extracting PEPFAR GIS data from DATIM Maps App

DATIM Maps App allows view and download PEPFAR GIS data. All PEPFAR Spatial data both polygons and points have unique PEPFAR id. This id is used to link data to PEPFAR program data (SIMS, MER, EA).

1. Request access to DATIM <https://www.datim.org>
2. Go to ICPI GIS Page: [PEPFAR Spatial Data Management · ICPI/GIS Wiki · GitHub](#)

- Review “PEPFAR Spatial Data Lifecycle, June 2020”

This document provides information on how PEPFAR data stewards create, receive, and manage spatial data. The document’s primary objective is to define roles and responsibilities for the creation and management of spatial data in the program.

- Review “Common Names for DATIM levels”

PEPFAR organizes data within a geographic hierarchy of regions, countries, provinces, and lower levels of administrative organization. In DATIM, these administrative levels are sometimes referred to by their level in the hierarchy (i.e. DATIM level 1-9). However, the common names for these “organizational units”, such as province or subcounty, do not exist in the system itself. This DATIM OU Hierarchy Common Names Guide provides a simple table that allows users to identify the common name for operating unit (OU) DATIM levels.

DATIM Levels do not match Map Levels. Map Levels are two levels below of DATIM levels. For example:

DATIM level 3 – OU/Country,

DATIM level 4 – Province/Region,

DATIM level 5 – In-country level 3,

DATIM level 6 – In-country level 4,

DATIM level 7 – In-country level 5

3. Before using Maps App, review “DATIM OU Hierarchy Common Names Guide” to look up levels for a country of interest.
4. To download GIS polygon or facility level data from DATIM, go to DATIM Maps app -> Add Layer -> Org units -> Add new org unit layer. Select country and level. Click on Add layer.

Add new org unit layer

Organisation Units Style

☐ User organisation unit ☐ User sub-units ☐ User sub-x2-units

▼ Global

▼ Africa

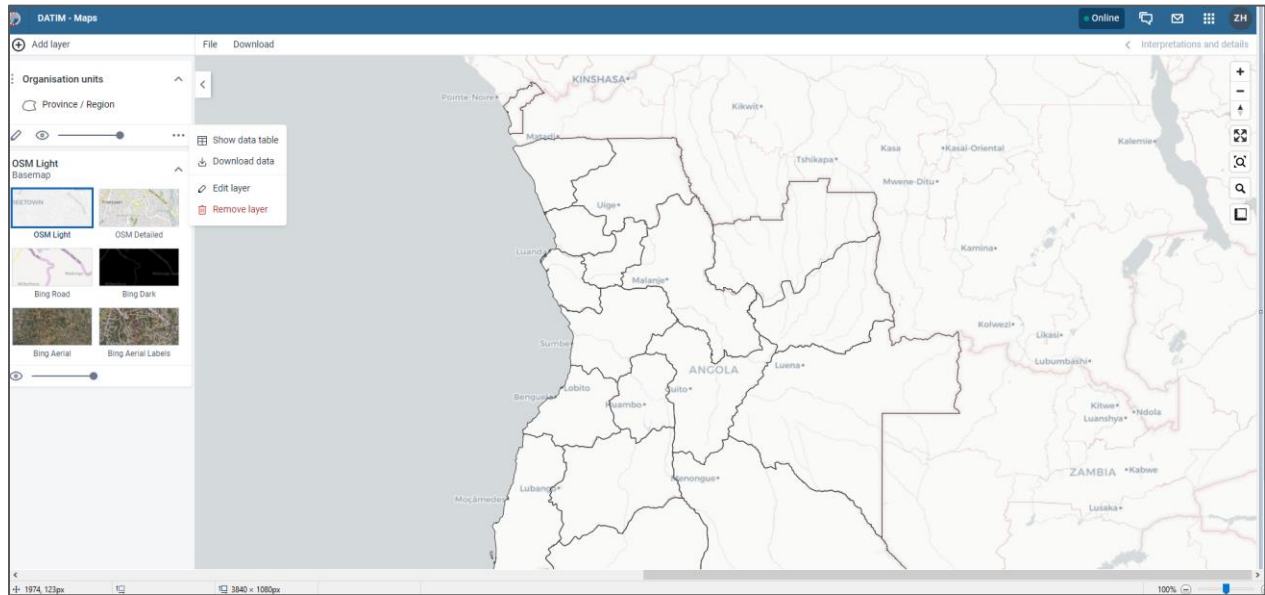
- ▶ ☒ Angola
- ▶ ☐ Botswana
- ▶ ☐ Burundi
- ▶ ☐ Cameroon
- ▶ ☐ Cote d'Ivoire
- ▶ ☐ Democratic Republic of the Congo
- ▶ ☐ Eswatini
- ▶ ☐ Ethiopia

Select a level ▼ Select a group ▼

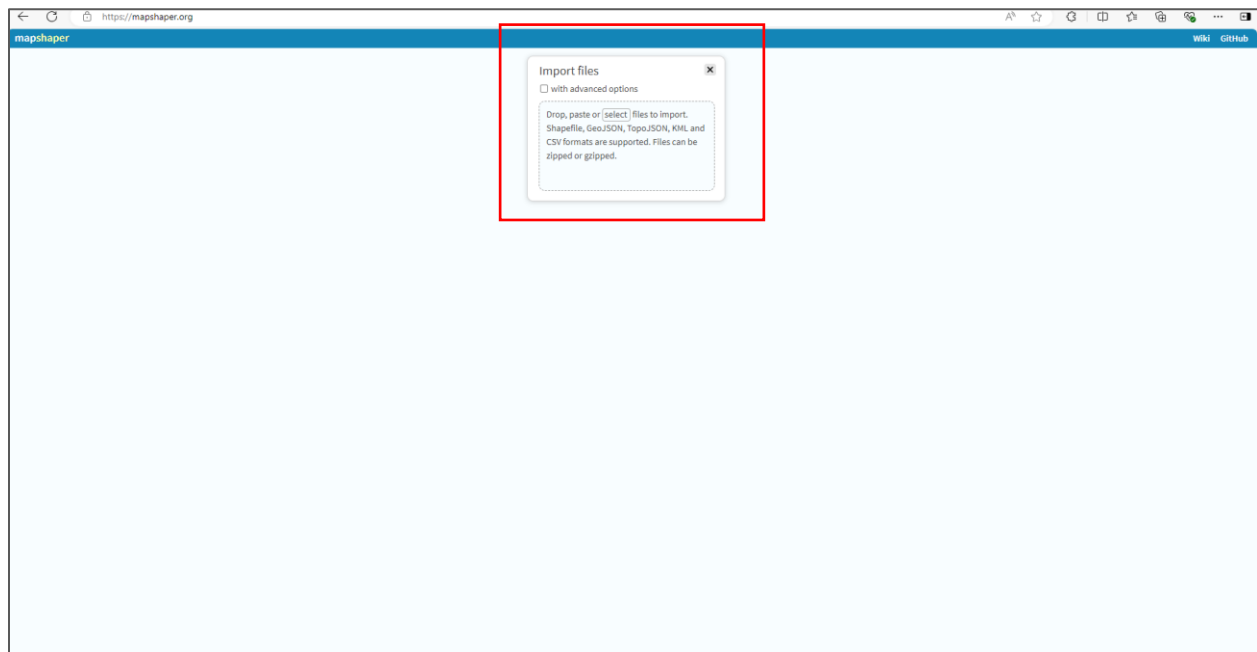
- ☐ Global
- ☐ Region
- ☐ OU / Country
- ☐ Province / Region
- ☐ In-country level 3
- ☐ In-country level 4
- ☐ In-country level 5
- ☐ In-country level 6

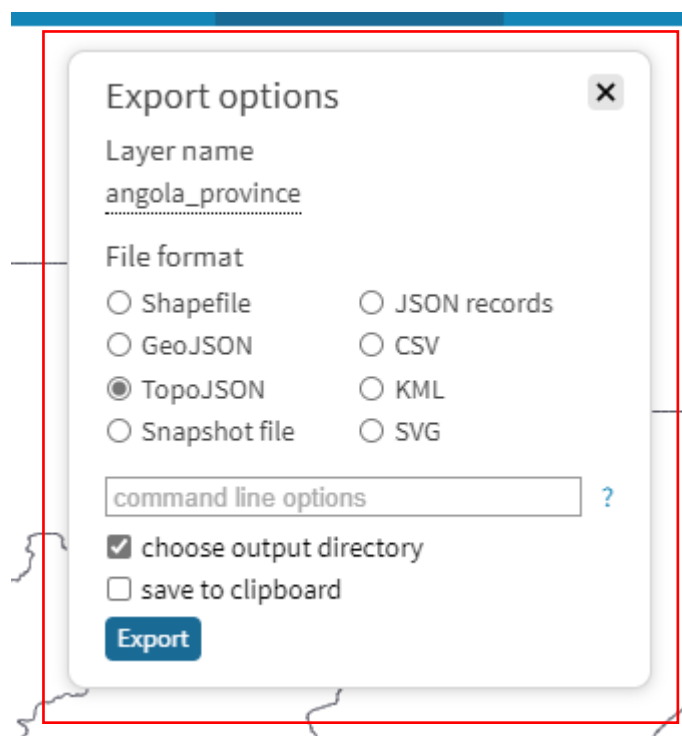
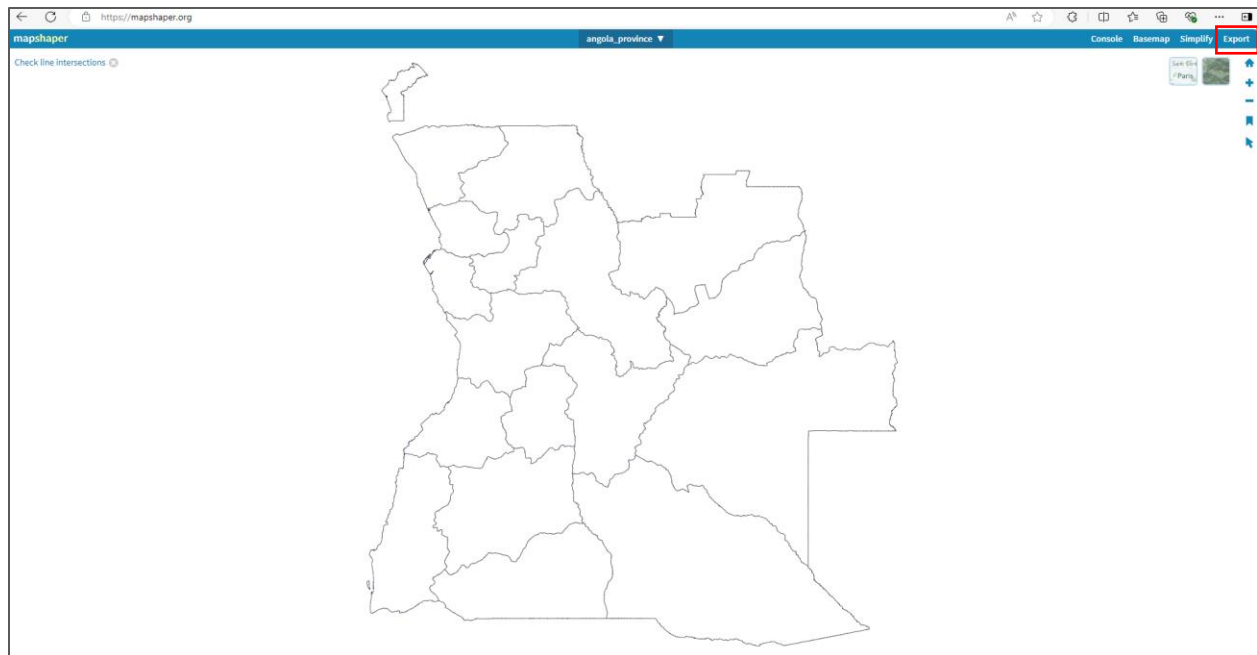
Cancel **Add layer**

Plot GIS data. Next to Organization units layer, click on three dots -> Download data. Data will be downloaded as GeoJson.



5. Convert GeoJson to other GIS file formats using ArcGIS, QGIS, or MapShaper <https://mapshaper.org>. See instruction for MapShaper.





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