

6.2 Humanitarian Data Exchange (HDX)

Humanitarian Data Exchange (HDX) is a data platform for storing and sharing humanitarian data. The platform is managed by OCHA's Centre for Humanitarian Data. Types of data available on HDX include: Data includes:

- Geospatial datasets
- CSVs & spreadsheets
- text & image files

Working with HDX

In this activity, you will practice using Humanitarian Data Exchange (HDX) for downloading OSM data for use in QGIS. HDX is an online-based tool, so you will need to be patient with internet connectivity.

Tools and Technology Needed:

- Computer
- Internet Connection

Downloading data

Visit data.humdata.org. In the Find Data search bar, type your area of interest (i.e. Liberia, Tanzania), and click search.



Browse list of available datasets. Select a dataset of interest and download the data file.

The screenshot shows the HDX (Humanitarian Data Exchange) search results for 'Tanzania'. The top navigation bar includes 'OCHA Services', 'FAQ', 'Log in', and 'Sign up'. The main header has the HDX logo, a search bar with 'Tanzania', and links for 'DATA', 'LOCATIONS', 'ORGANISATIONS', and 'QUICKLINKS'. A red 'ADD DATA' button is visible.

Below the header, the search results are displayed. On the left, there's a sidebar with 'FEATURED' and 'LOCATIONS' filters. The 'FEATURED' section lists categories like CODs, Sub-national, Geodata, etc. The 'LOCATIONS' section lists countries like Afghanistan, Albania, Algeria, etc.

The main content area shows a list of datasets. The first dataset is 'Tanzania-healthsites' by 'Global Healthsites Mapping Project', with 700+ Downloads, updated January 14, 2019. It offers download options: CSV, GEOJSON, and ZIPPED SHAPEFILE. The second dataset is 'Learning levels in Tanzania' by 'Uwezo at Twaweza East Africa', with 10000+ Downloads, updated September 11, 2018. It offers download options: XLSX, XLS, and GDB. The third dataset is 'Tanzania Road Network' by 'WFP - World Food Programme', with 30+ Downloads, updated February 27, 2019. It offers a download option: ZIPPED SHAPEFILE.

Adding data

Visit data.humdata.org. In the Add Data window, select 'Upload File'. You will need to sign in or register as an organization.

The screenshot shows the HDX homepage. The top navigation bar is identical to the previous screenshot. The main content area has a large teal banner with the text 'The Humanitarian Data Exchange' and a 'LEARN MORE' button. To the right of the banner, there's a 'FIND DATA' section with a search bar and statistics: 8,567 DATASETS, 248 LOCATIONS, and 1,121 SOURCES. Below this is an 'ADD DATA' section with two options: 'UPLOAD FILE' (Make your dataset available on HDX) and 'ADD METADATA' (HDX Connect: let others request your data).

You will need to make sure data file meets HDX standards before uploading data file.