

## 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

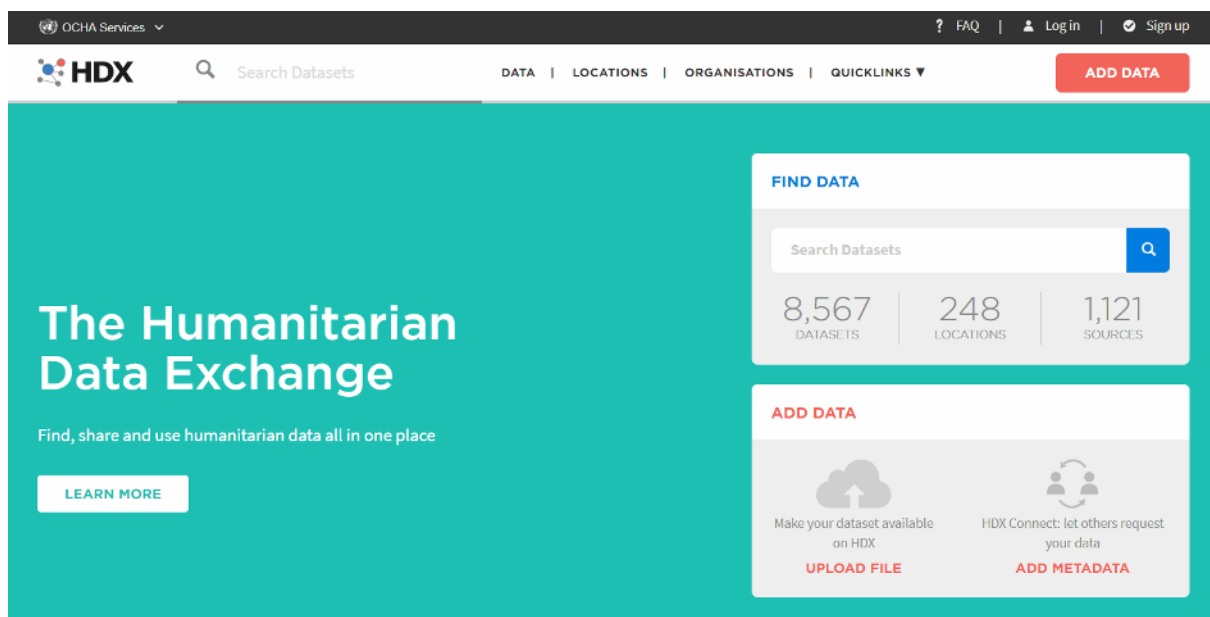
In this activity, you will practice using Humanitarian Data Exchange (HDX) for downloading OSM data for use in QGIS. HDX is an online-based tool, so you will need to be patient with internet connectivity.

#### Tools and Technology Needed:

- Computer
- Internet Connection

#### Downloading data

Visit [data.humdata.org](https://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 are filters for 'FEATURED' and 'LOCATIONS'. The 'FEATURED' section lists categories like CODs, Sub-national, Geodata, and Datasets on request. The 'LOCATIONS' section lists countries like Afghanistan, Albania, Algeria, American Samoa, and Andorra.

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

## Adding data

Visit [data.humdata.org](https://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 subtitle 'Find, share and use humanitarian data all in one place'. A 'LEARN MORE' button is located below the banner.

On the right side of the page, there is a 'FIND DATA' section with a search bar and a magnifying glass icon. Below the search bar, there are statistics: 8,567 DATASETS, 248 LOCATIONS, and 1,121 SOURCES. Below this, there is an 'ADD DATA' section with two options: 'UPLOAD FILE' (represented by a cloud and upload icon) and 'ADD METADATA' (represented by a circular arrow icon). The 'ADD METADATA' option is labeled 'HDX Connect: let others request your data'.

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