

Open Source Datasets and Other Link's from Faine Greenwood's Q&A:

“Unearthing the Truth,” The Economist

<https://www.economist.com/interactive/christmas-specials/2021/12/18/great-zimbabwe-archaeology>

LiDAR Data Viewers:

“plas.io”

<https://plas.io/>

“Potree”

<http://potree.org/potree/examples/viewer.html>

“Intro to PointCloudLayer“, by ArcGIS Developers, Esri

<https://developers.arcgis.com/javascript/latest/sample-code/layers-pointcloud-portal/>

International Datasets:

Note: OpenTopography has both LiDAR datasets and photogrammetrically produced orthophotos and 3D elevation model datasets.

“Find Topography Data“, OpenTopography

<https://portal.opentopography.org/datasets>

Note: OpenAerialMap has an international dataset of open source orthophoto maps from satellites and drones.

“OpenAerialMap”

<https://map.openaerialmap.org>

Note: The Humanitarian Data Exchange database includes orthophoto maps, for example: **“IOM Bangladesh - Needs and Population Monitoring (NPM) Cox's Bazar Rohingya Refugees Settlements UAV Imagery“, Humanitarian Data Exchange**

<https://data.humdata.org/dataset/iom-npm-cox-bazar-uav-imagery>

Note: Theia LiDAR datasets include:

- France
- Africa : Cameroon, Congo, Ivory Coast, Gabon, Ghana, Equatorial Guinea, Liberia, Madagascar, Republic of Congo, Africa Central Republic, Surinam
- South America : Guyana, French Guyana, Argentina, Chili
- Asia : Iran

“Theia”

<https://www.theia-land.fr/en/product/lidar/>

United States LiDAR Data Sets:

“National Center for Airborne Laser Mapping Data Distribution Center”, University of California Berkeley

<https://calm.geo.berkeley.edu/ncalm/ddc.html>

“Office for Coastal Management: Digital Coast”, National Oceanic and Atmospheric Administration

<https://coast.noaa.gov/digitalcoast/>

“National Ecological Observatory Network (NEON)”, by National Science Foundation

<https://data.neonscience.org/data-products/explore>

“EarthExplorer”, United States Geological Survey

<https://earthexplorer.usgs.gov/>

“3DEP LidarExplorer”, United States Geological Survey

<https://prd-tnm.s3.amazonaws.com/LidarExplorer/index.html#/>

Spanish LiDAR Data Sets:

“Centro de Descargas”, Gobierno de España

<https://centrodedescargas.cnig.es/CentroDescargas/buscadorCatalogo.do?codFamilia=LIDAR>

Russo-Ukrainian War Links:

“UkraineWarDronelIncidents2022”, by Faine Greenwood

<https://docs.google.com/spreadsheets/d/1NtgseODXGSAomx6G5Efwz4XY6AuYF9ZjGSGiCxvNHXE/edit?usp=sharing>

“Destroyed Buildings in Mariupol Ukraine“, by LibanCiel

<https://sketchfab.com/3d-models/destroyed-buildings-in-mariupol-ukraine-69a49248518c4a8ea9e56629c330e0ee>

“Map Kiev (Ukraine)“, by burunduk

<https://sketchfab.com/3d-models/map-kiev-ukraine-d755fd9ae28743f39c4ddfb9944bee33>

“Destroyed An-225 “Mriya” in Gostomel// 4K”, Ukrainska Pravda

<https://www.youtube.com/watch?v=ysa5pTtwO3Q>

This 3D model was made from the “Destroyed An-225 “Mriya” in Gostomel// 4K” video”, published by Ukrainska Pravda.

“An-225 Mriya destroyed (as of April 2022)”, by Simeon Schmauß

<https://sketchfab.com/3d-models/an-225-mriya-destroyed-as-of-april-2022-86ccda4a931643c095506928755f6d53>

“Ukrainian Drone Buzzes Low Over Proxy Trenches, Records Russian Mine Launchers“, by FUNKER530

https://www.youtube.com/watch?v=XY6YjcUB_3I