

Links and Tools for the 2018 PEER Africa Forum

Introduction to USAID's GeoCenter

Geocenter email contact: geocenter@usaid.gov

Geocenter Website: <http://geocenter.digitaldevelopment.org/>

Data Analysis Basics:

GeoCenter Data Science Resources: <https://geocenter.github.io/resources/>

USAID Development Data Library: <https://www.usaid.gov/data>

Hans Rosling Visualizations: <https://www.youtube.com/watch?v=jbkSRLYSojo>

Data visualization catalogue: <https://datavizcatalogue.com/>

ColorBrewer: <http://colorbrewer2.org/#type=sequential&scheme=BuGn&n=3>

A Guide to bad data: <https://github.com/Quartz/bad-data-guide>

A Guide on Data Sharing: <https://github.com/jtleek/datasharing>

Development Data - ADS 579: <https://www.usaid.gov/sites/default/files/documents/1868/579.pdf>

Program Cycle Operational Policy: <https://www.usaid.gov/ads/policy/200/201>

Tidy Data in Excel using Pivot Tables:

<https://www.myonlinetraininghub.com/excel-factor-entry-1-reverse-pivortable>

YouthMappers

<https://www.youthmappers.org/>

Demographic and Health Survey Data

<https://dhsprogram.com/data/>

Request High-Resolution Imagery:

<https://geocenterusaid.org/remotesensing/request.html>

Some Proprietary GIS tools:

ESRI ArcGIS: <https://www.arcgis.com/index.html>

ENVI: <https://www.harrisgeospatial.com/SoftwareTechnology/ENVI.aspx>

ERDAS: <https://www.hexagongeospatial.com/products/power-portfolio/erdas-imagine>

Some free GIS tools:

GeoCenters - GeoViewer: <https://geocenterusaid.org/mapviewer/>

Google Earth Pro: <https://www.google.com/earth/desktop/>

The New Google Earth: <https://www.google.com/earth/>

QGIS: <https://www.qgis.org/en/site/>

Program R: <https://www.r-project.org/>

- Some spatial packages:

- Spatstat: <http://spatstat.org/>

email: geocenter@usaid.gov

website: <http://geocenter.digitaldevelopment.org/>

- Spatial.tools: <https://cran.r-project.org/web/packages/spatial.tools/index.html>

Open Street Map:

- Main map application: <https://www.openstreetmap.org/#map=5/38.007/-95.844>
- Country data: <http://download.geofabrik.de/>

OSGeo: <https://www.osgeo.org/>

email: geocenter@usaid.gov

website: <http://geocenter.digitaldevelopment.org/>