

# OSGeoLive

## Your first contact with Open Source Software for Geospatial

### Welcome

OSGeoLive is a self-contained bootable DVD, USB thumb drive or Virtual Machine based on Ubuntu, that allows you to try a wide variety of open source geospatial software without installing anything. It is composed entirely of free software, allowing it to be freely distributed, duplicated and passed around.

It provides pre-configured applications for a range of geospatial use cases, including viewing, storage, publishing, analysis and manipulation of data. It also contains sample datasets and documentation.



### Key Features

- ▶ 50+ Free and Open Source Geospatial Applications
- ▶ Sample Datasets
- ▶ Consistent Overviews & Quickstarts
- ▶ Documentation for software, standards and data
- ▶ Translations to 12 languages

### Try it! It is really simple...

- ▶ Insert DVD or USB thumb drive in your computer or start the virtual machine
- ▶ Reboot the computer. Verify boot device order if necessary. Not necessary for the virtual machine
- ▶ Press "Enter" to startup & login
- ▶ Select and run applications from the Geospatial menu

### Included Software

- ▶ **Desktop GIS**  
GRASS GIS, gvSIG, OpenJUMP GIS, QGIS, SAGA
- ▶ **Browser Facing GIS**  
Cesium, GeoMoose, GeoNode, Leaflet, Mapbender, OpenLayers
- ▶ **Web Services**  
deegree, EOXServer, GeoNetwork, GeoServer, istSOS, MapServer, MapProxy, ncWMS, pycsw, QGIS Server, ZOO-Project, 52°North SOS
- ▶ **Data Stores**  
pgRouting, PostGIS, Rasdaman, Spatialite, Open Data Cube
- ▶ **Navigation and Maps**  
GpsPrune, Marble, OpenStreetMap, iD editor, JOSM, OpenCPN
- ▶ **Spatial Tools**  
GMT, Mapnik, OTB, R for Spatial Data, Jupyter Notebook
- ▶ **Domain Specific GIS**  
XyGrib
- ▶ **Data**  
Natural Earth, NetCDF Data Set, OpenStreetMap, OSGeo North Carolina, USA Educational dataset
- ▶ **Geospatial Libraries**  
GEOS, GeoTools, GDAL, JTS Topology Suite, Proj

### Where is OSGeoLive used?

Since OSGeoLive is an Operating System could be used as your mainly OS, but its main purpose is to show the wide variety of open source geospatial software. Starting from 2008 OSGeoLive was used or presented all over the world on numerous Geospatial events.

