

Humanitarian OpenStreetMap Team

Wikimania 2014, London

Katie Filbert - @filbertkm / @hotosm

<http://filbertkm.github.io/slides>



OpenStreetMap



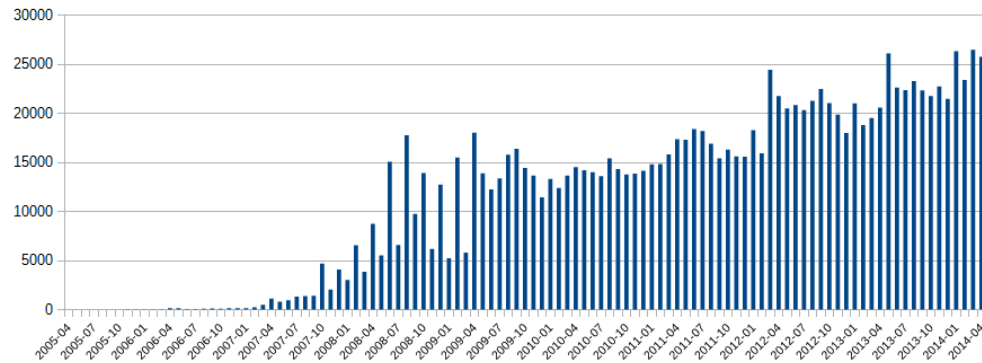
free and open source map that anyone can [edit]!

The image shows a composite of three screenshots from the OpenStreetMap website. The top-left screenshot shows the main map interface with a search bar and navigation controls. The bottom-left screenshot shows the 'Edit feature' form for a 'Residential Building', with fields for Name, Address (Street, Postcode, City), and Levels. The right-side screenshot shows a satellite view of the same area with red outlines indicating the building's footprint and various editing tools like 'Point', 'Line', and 'Area'.

OpenStreetMap community



Active Contributors per Month

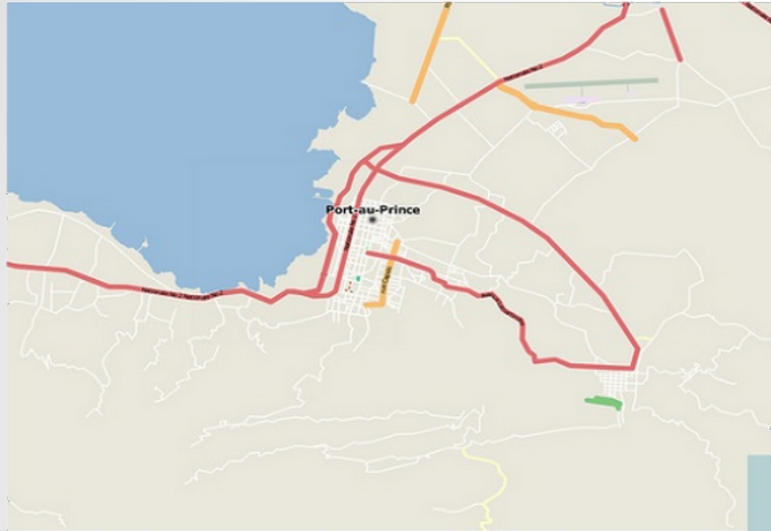


http://wiki.openstreetmap.org/wiki/File:Active_contributors_month_201404.png
Simon Poole (CC-BY-SA 2.0)

<https://www.flickr.com/photos/chrisfleming/9698307143/>
Chris Fleming (CC-BY-SA 2.0)
State of the Map 2013
Birmingham, UK

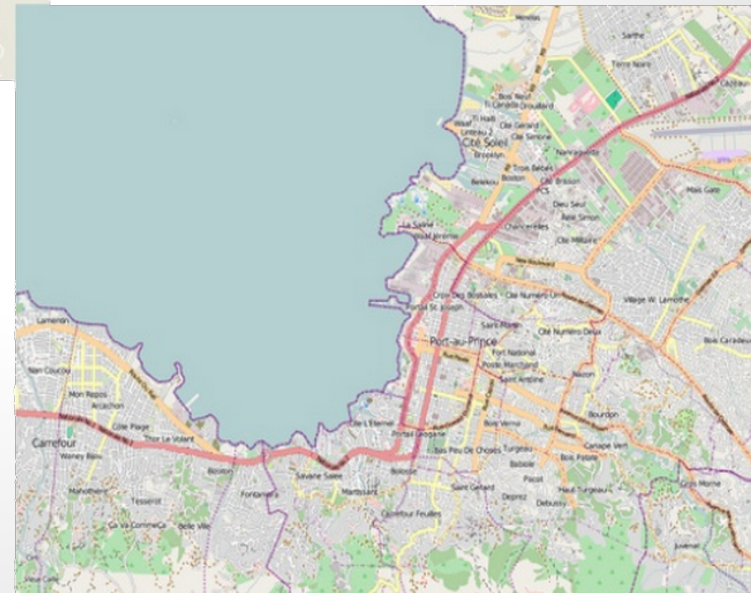


Haiti 2010 earthquake



Port-au-Prince (before)

28 days later



<http://vimeo.com/9182869>

Humanitarian OpenStreetMap (HOT) Team

Established in 2010 to help with coordination:

- help with requesting and handling imagery
- provide tools to help coordinate mapping tasks
- training
- interaction with international organizations



HOT activations



2010 - Haiti earthquake

2011 - Libya refugee crisis

2011 - Sendai earthquake and tsunami

2013 - Typhoon Yolanda / Haiyan

2014 - Democratic Republic of Congo

2014 - West Africa ebola outbreak

more ...



<http://hot.openstreetmap.org/projects>

http://wiki.openstreetmap.org/wiki/Humanitarian_OSM_Team

Ebola outbreak



international public health emergency,
declared by WHO

maps needed by MSF (Doctors
Without Borders), Red Cross, WHO,
and other health / aid personnel.



https://wiki.openstreetmap.org/wiki/2014_West_Africa_Ebola_Response



#616 - Ebola Outbreak, Monrovia area road network (Sierra Leone)

Instructions Contribute Activity Stats

- Author: **HOT**
- Mapping for: **CDC**
- Priority: **High**

Various organizations like the World Health Organization (WHO), Doctors Without Borders (DWB/MSF) and the International Federation of Red Cross and Red Crescent Societies (IFRC) are deploying for the Ebola epidemic going on there. More detailed basemap data (roads, villages, streets) is needed to assist in the response.

Justification

There is a resurgence of the Ebola outbreak, and a risk of the epidemic spreading with the multiplication of sites of infection. There are difficulties, including in forests of Sierra Leone with tracing the point of contact and delivering the message to the population about the infection. The World Health Organization (WHO), DWB/MSF (MSF) or the Red Cross ([redcross](#)) are deploying in Sierra Leone where various sites have been identified.

Changeset Comment

#hotosm-task-616

Imagery

Bing

2014 West Africa Ebola Response [Wiki Coordination Page](#)

Please map in all roads in the area including smaller paths for as far as you can follow them. Tag roads according to the [Highway Tag Africa](#) wiki page. Most roads connecting villages should either be *unclassified* or *tertiary* with only occasional small clusters of isolated houses being connected to the road network by a *path* (only use *path* if it would be too small to even drive a 4x4 vehicle on).

Also trace *landuse=residential* around clusters of houses and mark large open areas (not fields, just smooth open ground next to towns) as *leisure=common* as these are potential helicopter landing sites. Another common and useful feature to tag is school areas, easily identified as 1 or 2 long buildings at the edge of the village often with two small toilet buildings behind them. The schools are almost always accompanied by a large open area for the children to play in, tag the whole area of the school complex

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