

Humanitarian OpenStreetMap Team

Wikimania 2014, London

Katie Filbert - @filbertkm / @hotosm

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



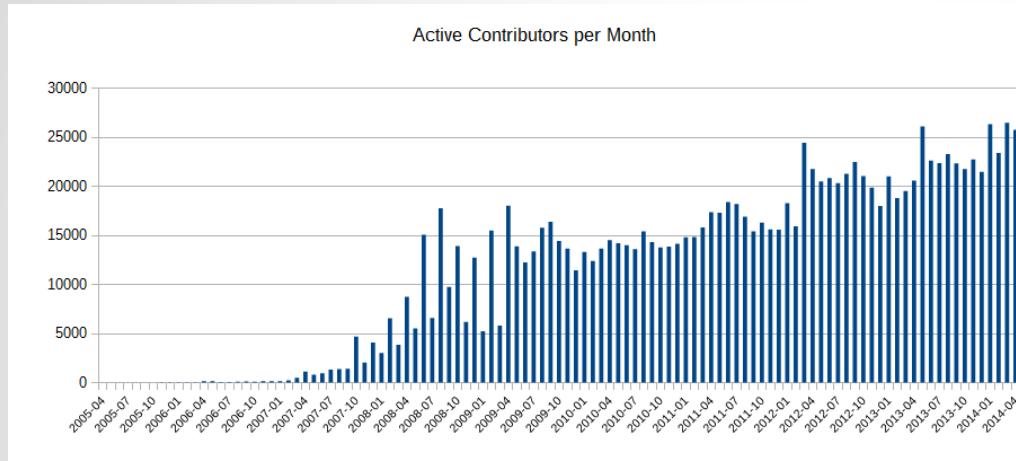
OpenStreetMap



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

A screenshot of the OpenStreetMap website. The main view shows a map of a dense urban area in Vienna, Austria, with numerous streets, buildings, and landmarks labeled in German. Below the map is a modal window titled "Edit feature" for a "Residential Building". The modal contains fields for "Name" (Common name if any), "Address" (Street: 123, Postcode: 1234, City: Vienna), and "Levels" (2, 4, 6...). It also includes sections for "All tags (1)" and "All relations (0)". At the bottom of the modal is a link "View on openstreetmap.org". To the right of the modal is a larger view of the same residential building area, showing the building's footprint and surrounding streets. This view includes a "Save" button and a "Revert" button. The entire interface is set against a light gray background with a dark header bar at the top.

OpenStreetMap community



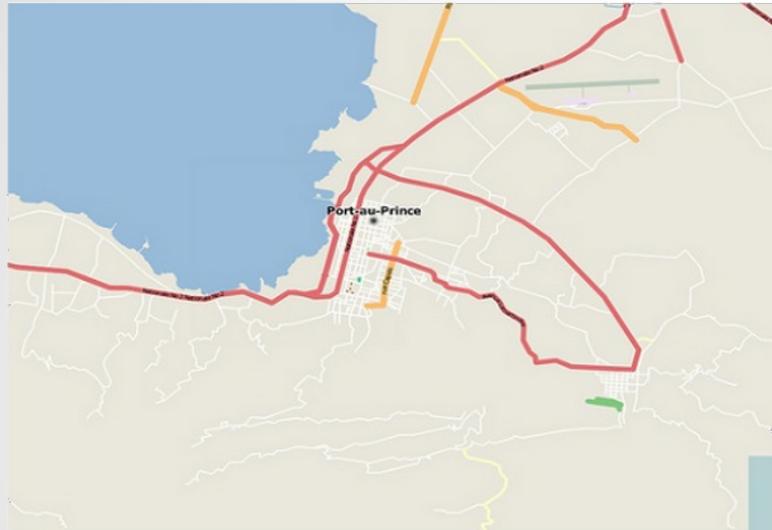
http://wiki.openstreetmap.org/wiki/File:Active_contributors_month_201404.png

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

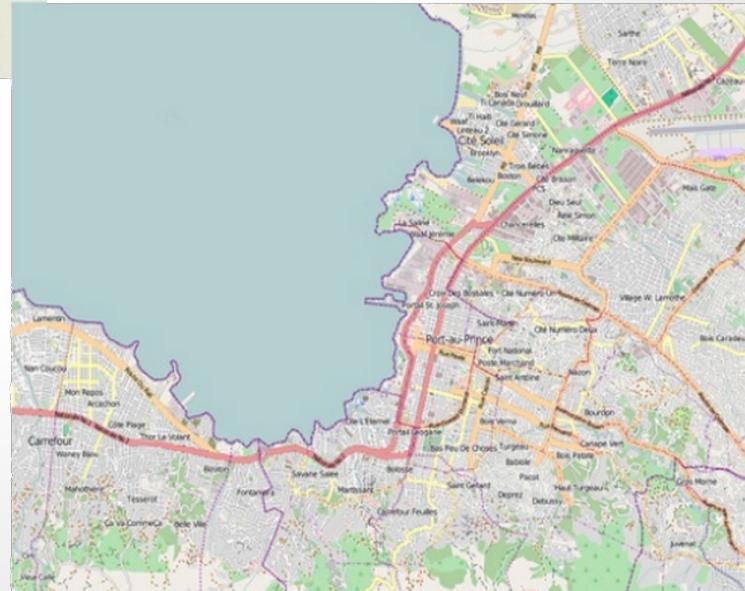


Haiti 2010 earthquake



Port-au-Prince (before)

28 days later



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



[OSM Tasking Manager](#)

#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

Leaflet | Map data © OpenStreetMap contributors

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