

# Export Tool



## Tasking Manager + Export Tool

Mhairi O'Hara, HOT, Trainer

## Projects

 SearchSort by: **High priority first** ▾ Your projects

### #1082 CAR, Bangui, 2014 update - Mapgive Project imagery

This job aims at updating and improving the map of South [Bangui](#), thanks to a March 24, 2014 WorldView-1 imagery provided by the MapGive project. The mapping encompasses improving the existing data and providing a date to the structures so that the urban growth can be monitored in the future.

**As it deals with imagery date and potentially, improving the existing data, it fits more with experienced contributors using JOSM.**

Created by [sev\\_hotosm](#) - Updated about 15 hours ago - Priority: high



### #884 Northeast Nigeria - Fotokol/Gambaru

This activation of the OpenStreetMap (OSM) and Humanitarian OpenStreetMap Team (HOT) projects in Northeast Nigeria aims at providing



## About the Tasking Manager

OSM Tasking Manager is a mapping tool designed and built for the Humanitarian OSM Team collaborative mapping. The purpose of the tool is to divide up a mapping job into smaller tasks that can be completed rapidly. It shows which areas need to be mapped and which areas need the mapping validated.

This approach facilitates the distribution of tasks to the various mappers in a context of emergency. It also permits to control the progress and the homogeneity of the work done (ie. Elements to cover, specific tags to use, etc.).

### New to Mapping?

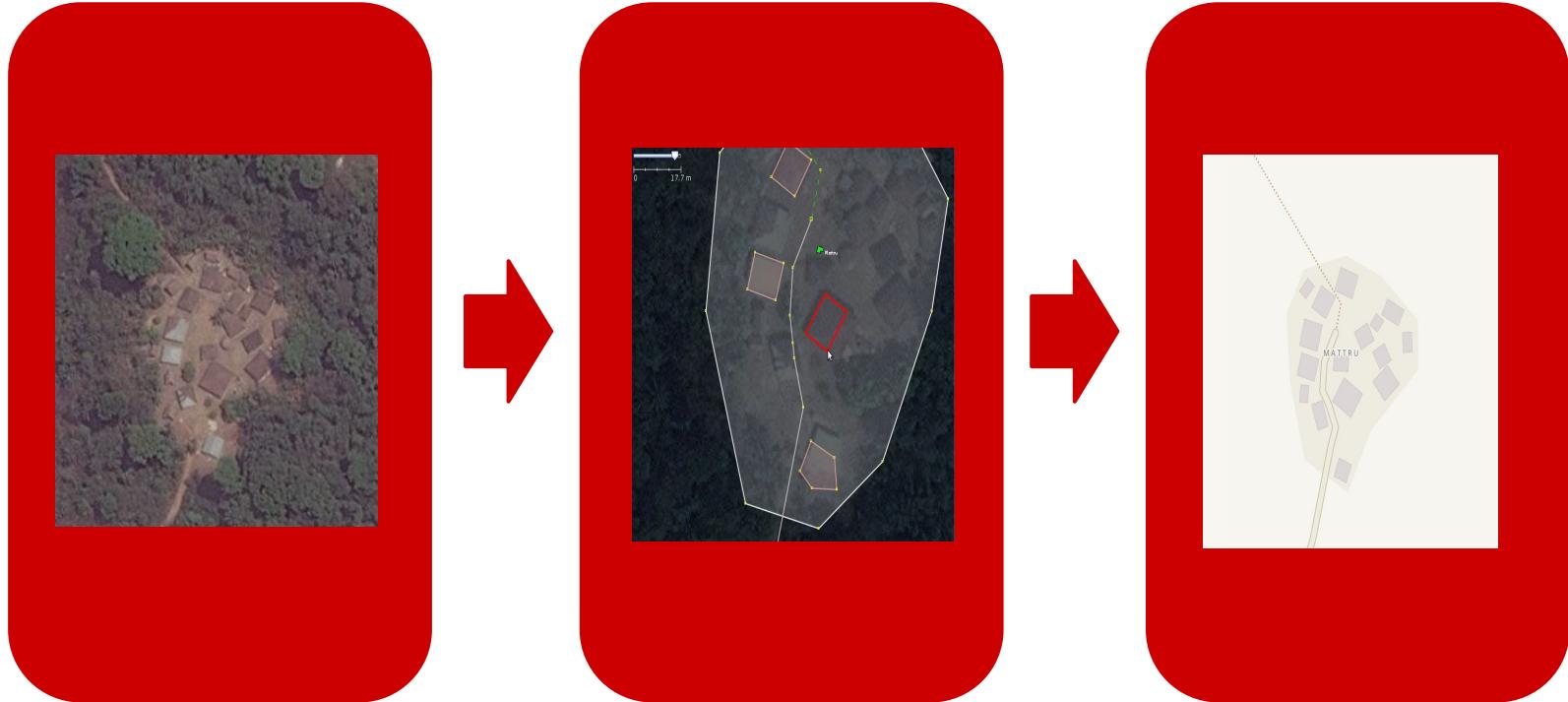
Just jump over to [openstreetmap.org](#) create an account and then visit this tutorial [learnosm.org/en/beginner/id-editor](#)  
Then come back here help map for people on the ground!

### Questions About Tasks, Mapping or HOT?

If you have any questions about a project, a task or mapping in general please ask on our mailing list: [HOT E-Mail List](#)

Or visit us in our IRC Chat Channel, just select #hot from the pop

**HOT Tasking Manager**  
<http://tasks.hotosm.org>



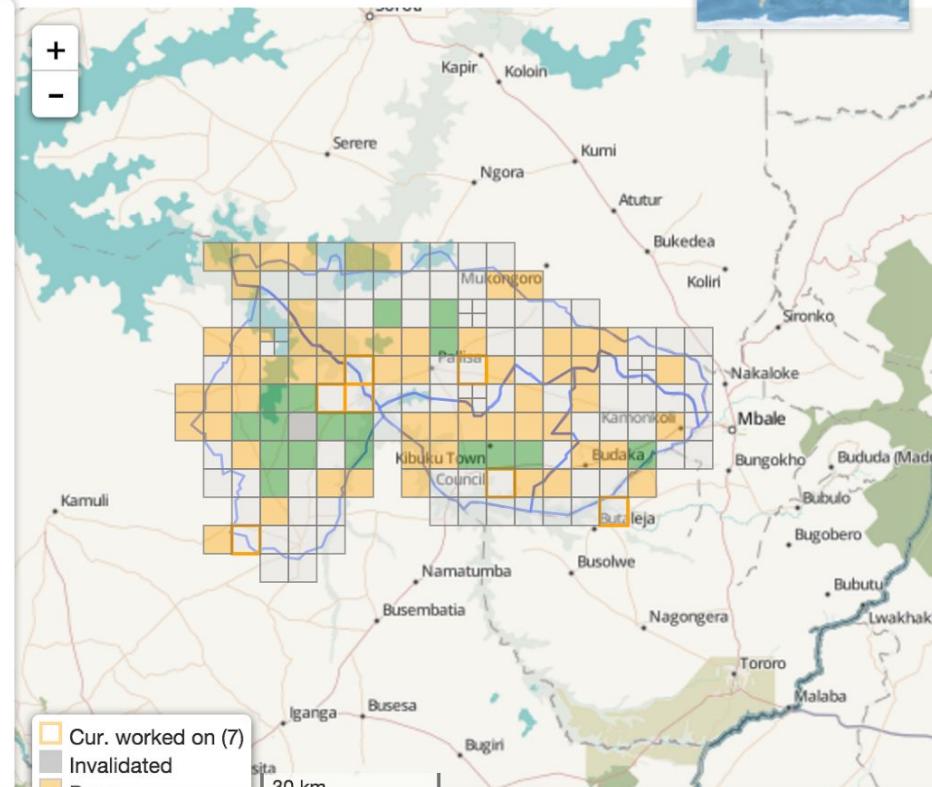
Coordinate OSM mapping in areas of interest  
Use satellite imagery to digitise features

## #1436 - MapUganda - Phase 1: Mbale (Pallisa, Kaliro, Kibuku and Budaka)

[Edit](#)[Export](#)[Description](#)[Instructions](#)[Contribute](#)[Activity](#)[Stats](#)

Students from Makerere University, Uganda Christian University (UCU), Livingstone University and Kumi University are collecting financial services, health and education points as part of a Humanitarian OpenStreetMap Team (HOT) project.

They are digitising the roads and towns in the districts of Pallisa, Kaliro, Kibuku and Budaka remotely prior to heading out in the field to collect the POIs with the use of OpenMapKit (OMK).

[▶ Instructions](#)

# Project format: description tab

## #1436 - MapUganda - Phase 1: Mbale (Pallisa, Kaliro, Kibuku and Budaka)

[Edit](#)[Export](#)[Description](#) **Instructions** [Contribute](#) [Activity](#) [Stats](#)

Entities to Map ?

Roads and Buildings

Changeset Comment ?

#hotosm-project-1436

## How to contribute:

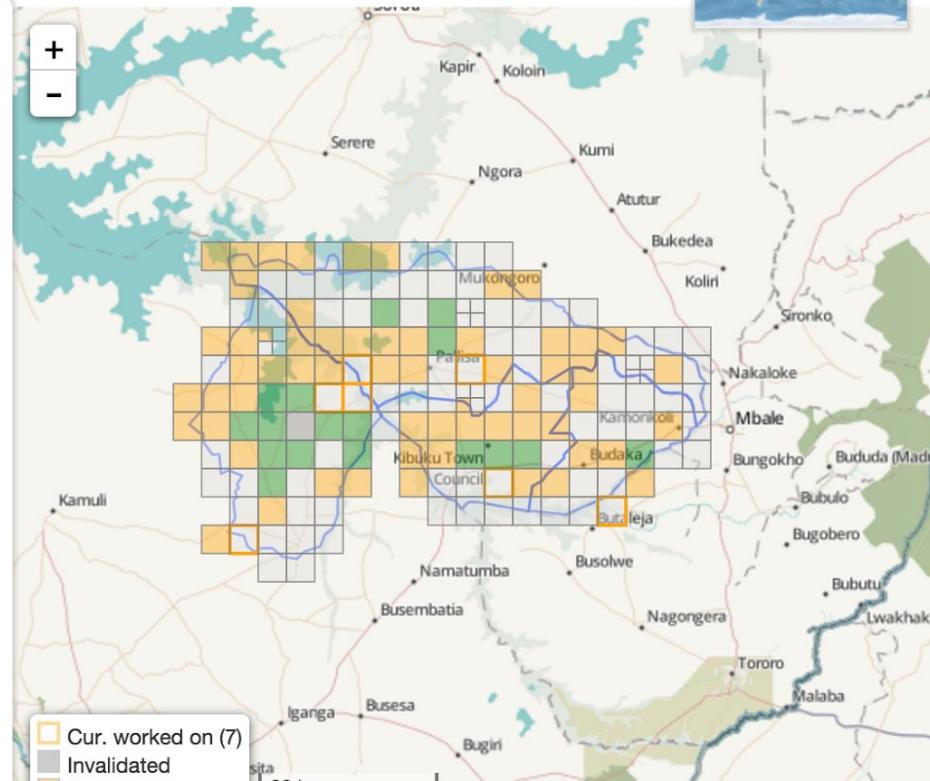
1. Pick a square.
2. If there is nothing map, add a comment and mark the task as done.
3. If you see roads and buildings in the main towns that haven't been traced, please trace them.
4. Upload your edits by clicking save and mark the task as done.
5. If you're not done, unlock task and someone else can complete it.

## Tags to use:

## Roads

1. highway=unclassified

## Buildings



# Project format: instructions tab

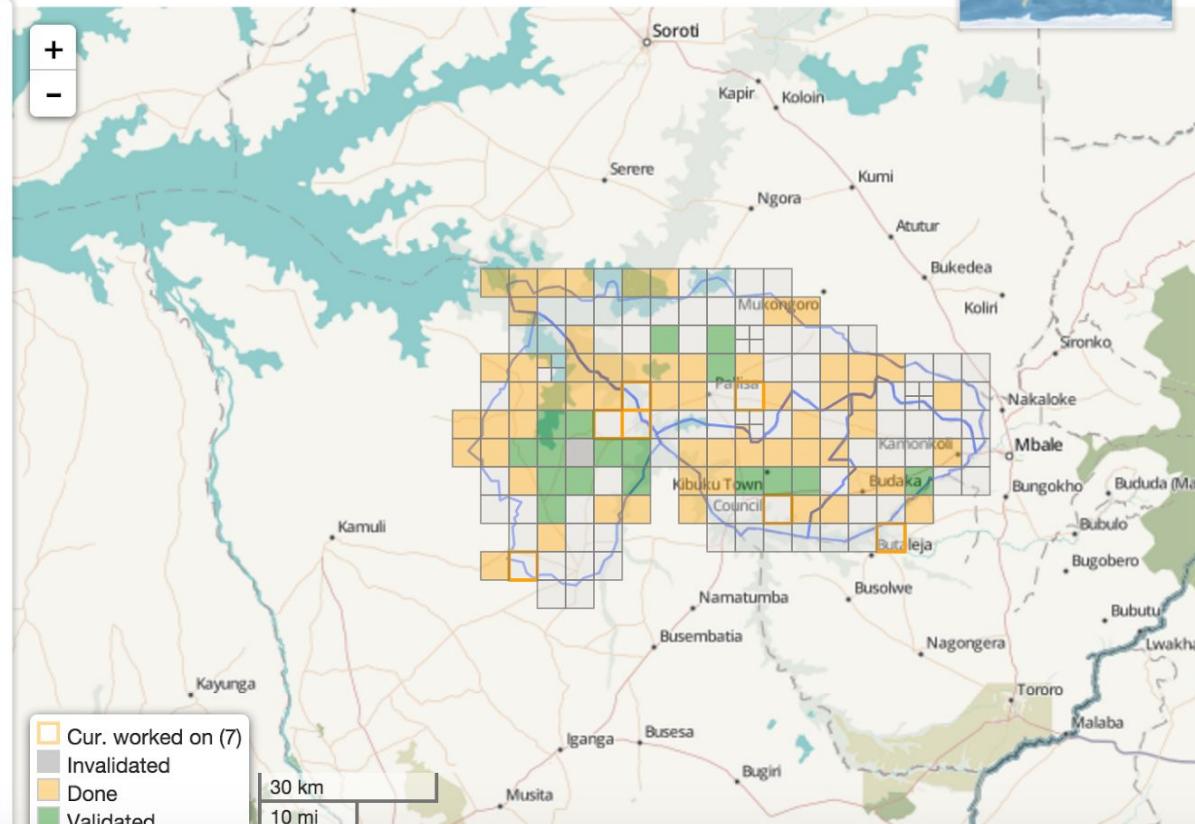


Project format: contribute tab

## #1436 - MapUganda - Phase 1: Mbale (Pallisa, Kaliro, Kibuku and Budaka)

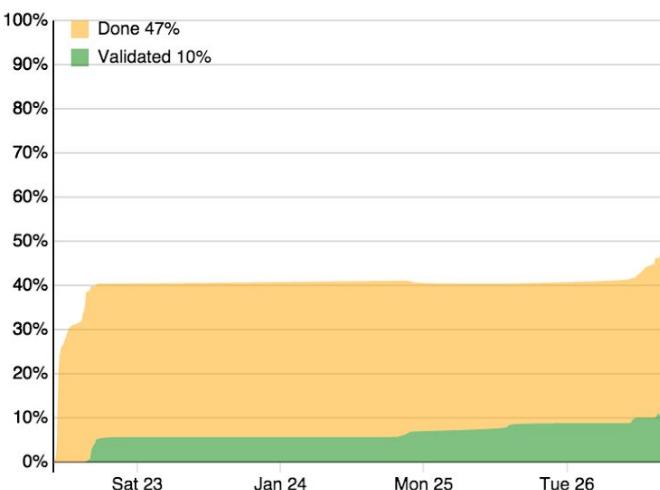
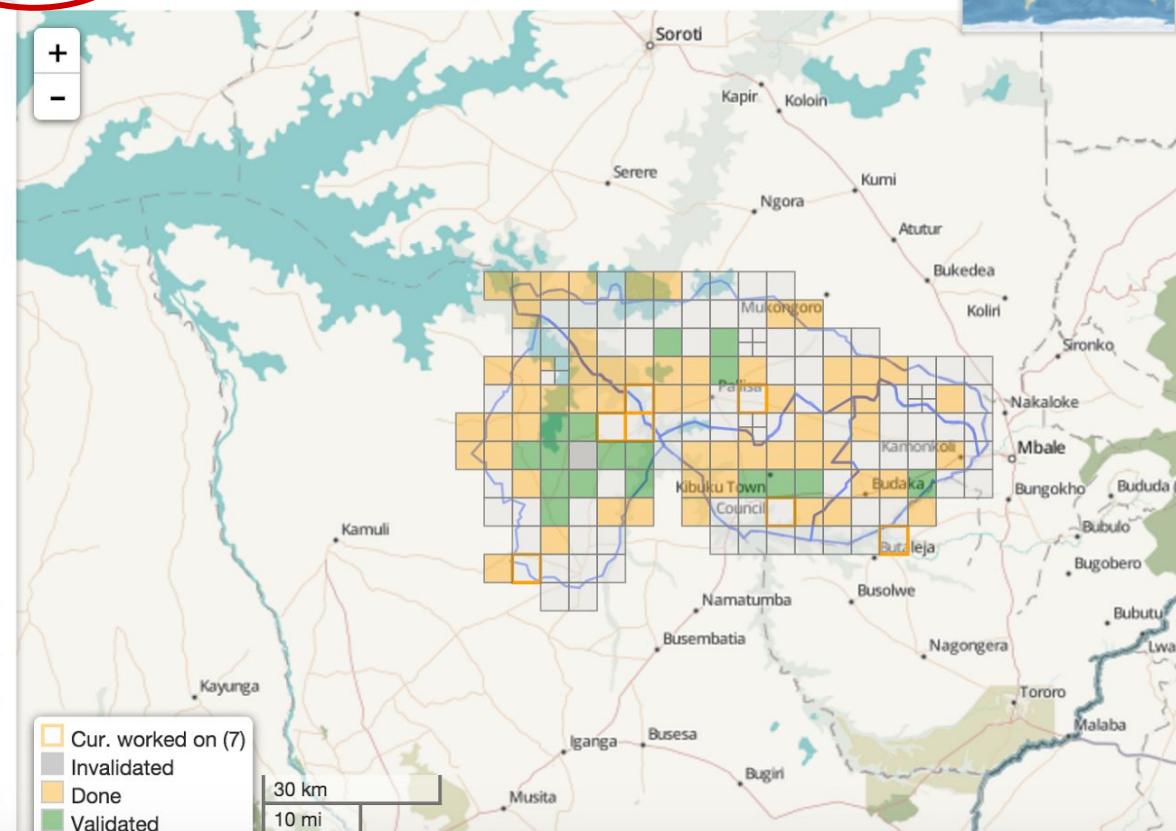
[Edit](#)[Export](#)[Description](#) [Instructions](#) [Contribute](#)[Activity](#)[Stats](#)

- ✓ Ingrid k marked #48 as done  
30 minutes ago
- ✓ PaulUithol marked #107 as done  
about an hour ago
- ✓ Esmanov marked #16 as done  
about an hour ago
- ❗ Esmanov invalidated #16  
about an hour ago
- ➕ mataharimhairi validated #25  
about an hour ago
- ➕ PaulUithol validated #89  
about 2 hours ago
- ✓ muwando marked #42 as done  
about 2 hours ago
- ✓ muwando marked #89 as done  
about 2 hours ago
- ✓ muwando marked #168 as done  
about 2 hours ago
- ✓ danielitucu marked #45 as done  
about 2 hours ago
- ✓ Esmanov marked #25 as done  
about 4 hours ago



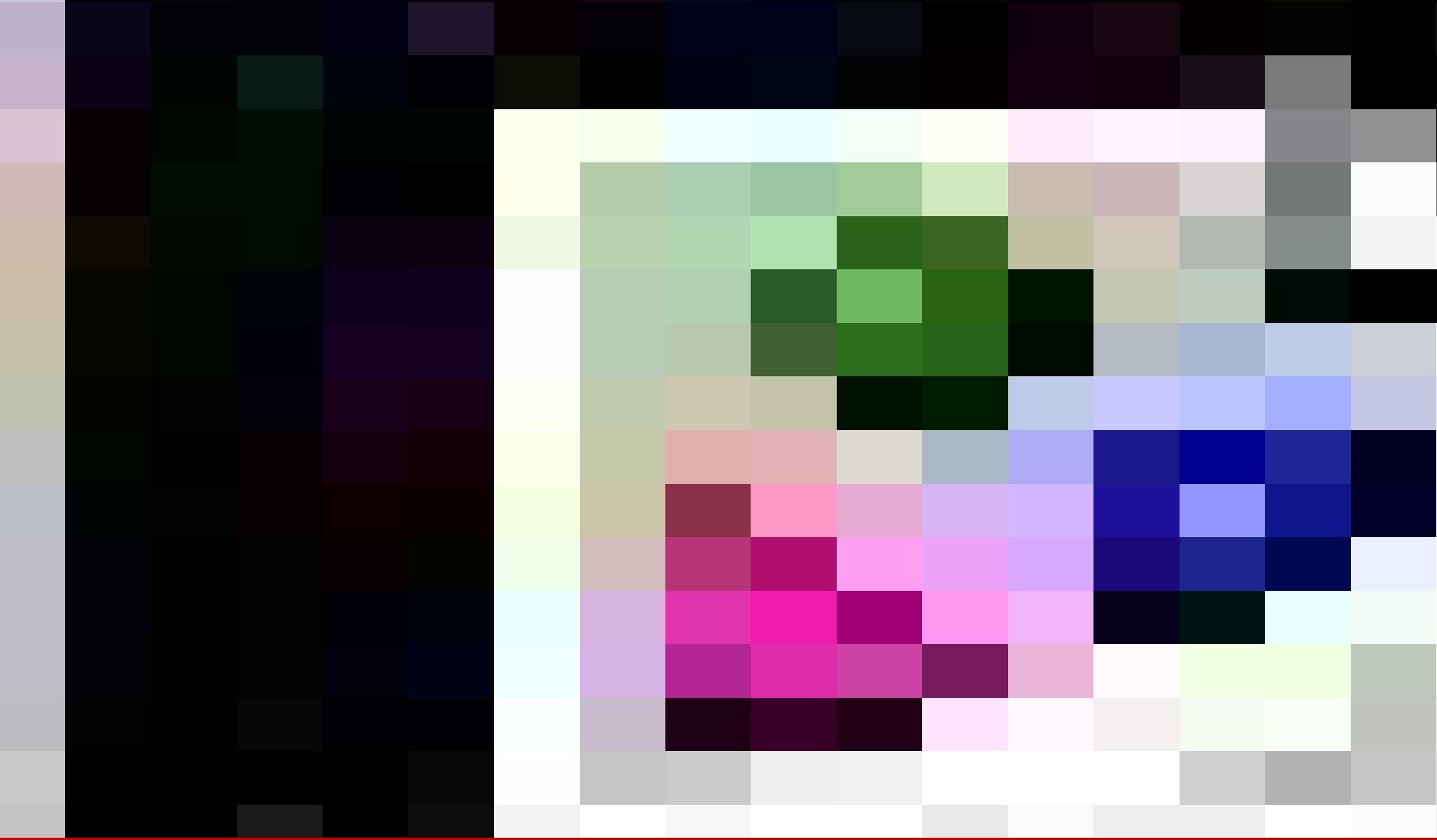
# Project format: activity tab

## #1436 - MapUganda - Phase 1: Mbale (Pallisa, Kaliro, Kibuku and Budaka)

[Edit](#)[Export](#)[Description](#) [Instructions](#) [Contribute](#) [Activity](#) [Stats](#)

Contributors	Done	Assigned
danielitucu	2	-
Esmanov	7	-
gilbiz	1	-
Ingrid k	3	-
judithkamuisha	1	-

# Project format: stats tab



Contribute: pick a task square

## #1436 - MapUganda - Phase 1: Mbale (Pallisa, Kaliro, Kibuku and Budaka)

[Edit](#)[Export](#)[Description](#)[Instructions](#)[Contribute](#)[Activity](#)[Stats](#)

## Task #71

Difficulty



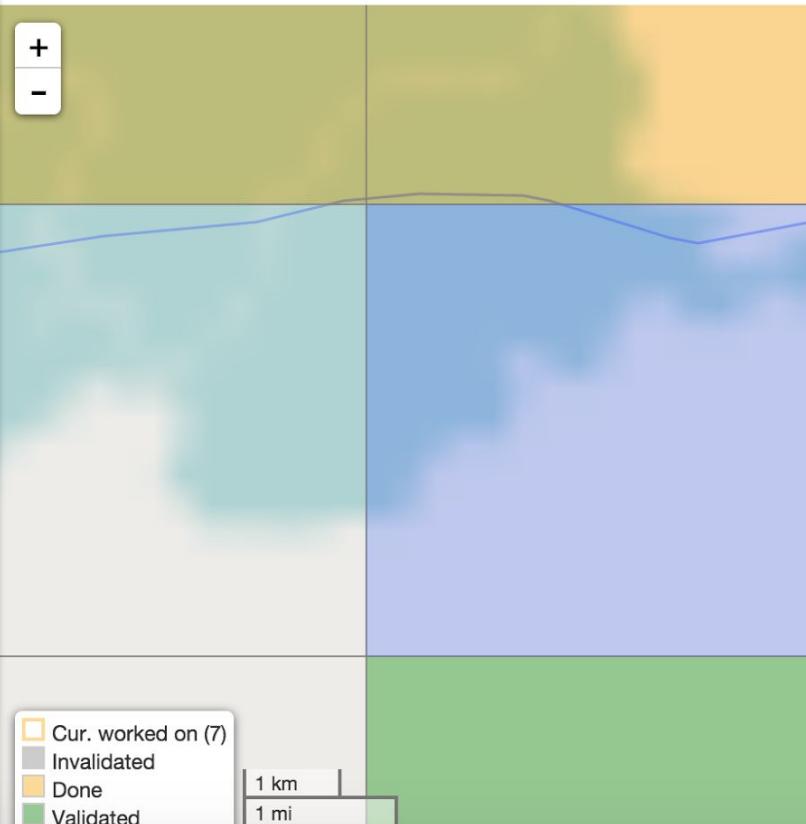
Not assigned yet

Lock this task to tell others that  
you are currently working on it.[Start mapping](#)

Leave a comment

[Comment](#)

Nothing has happened yet.

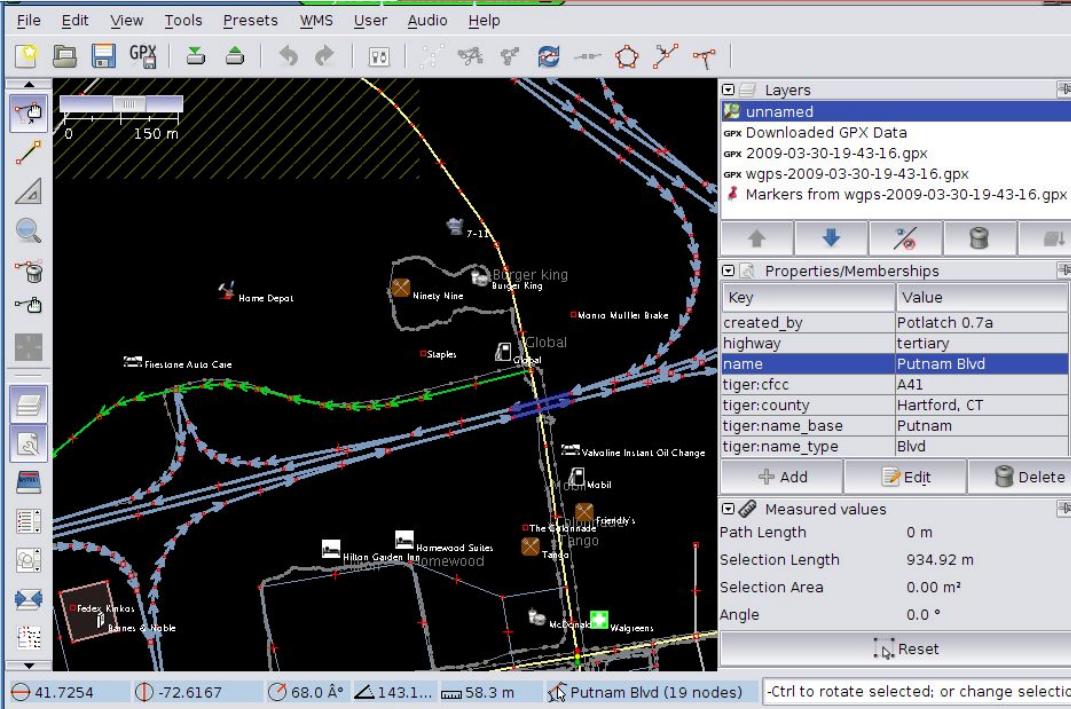
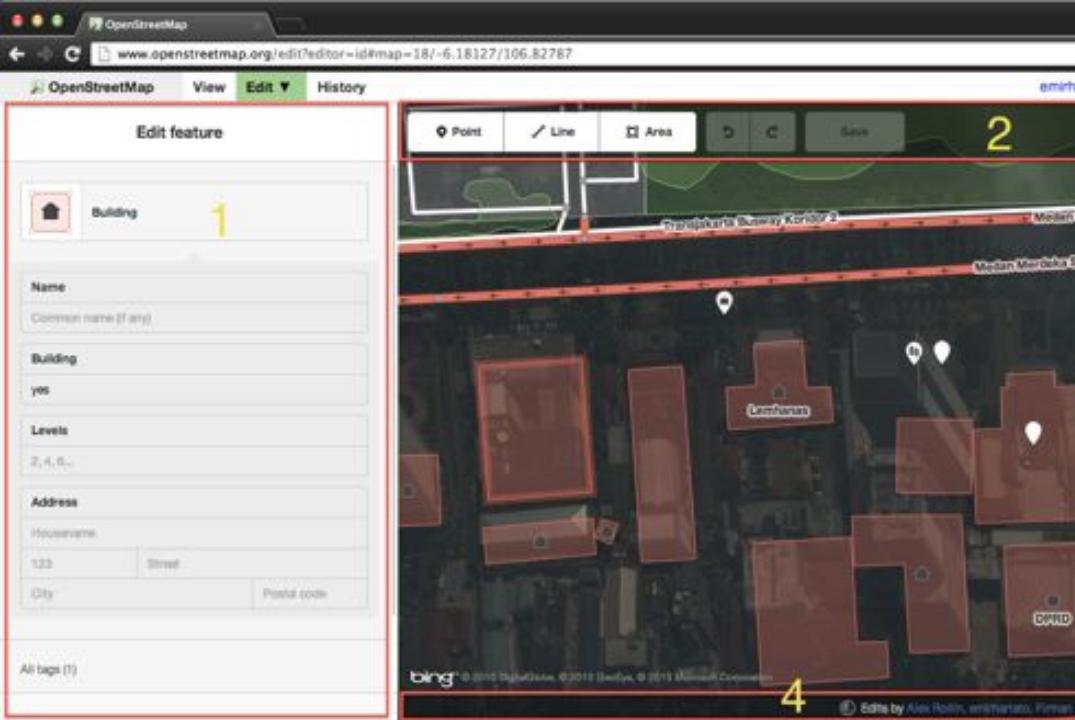
[OSM changesets](#) | [overpass-turbo](#)

Lock square: click 'Start mapping'

iD Editor  
In-browser map editor  
(newbies)

vs.

JOSM  
Installable desktop editor  
(experienced)

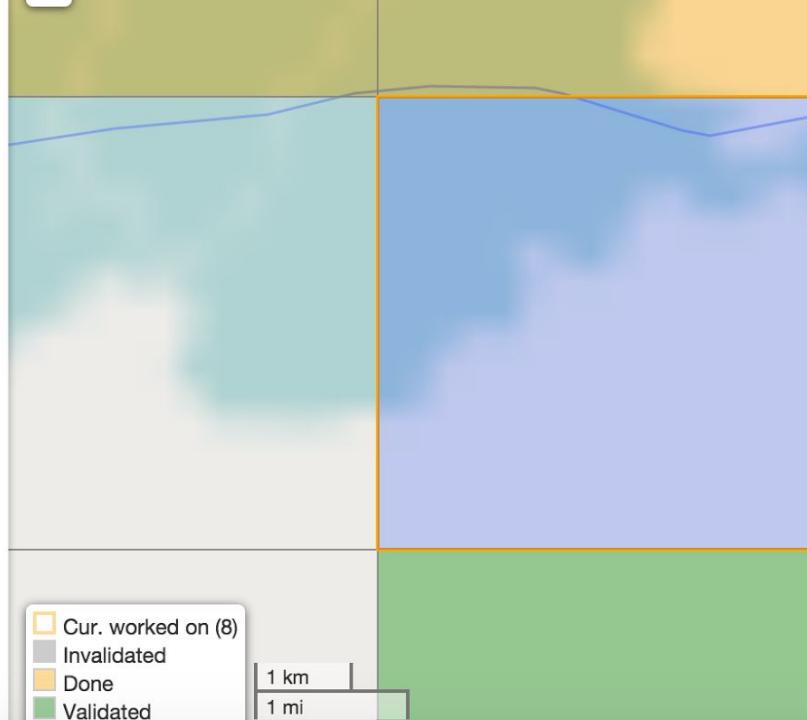


## #1436 - MapUganda - Phase 1: Mbale (Pallisa, Kaliro, Kibuku and Budaka)

[Edit](#)[Export](#)[Description](#)[Instructions](#)[Contribute](#)[Activity](#)[Stats](#)**Task #71**[Difficulty](#)[Locked by you.](#) [Unlock](#)

Not assigned yet

⌚ 119 min. left

[Edit with JOSM](#)

JOSM

iD editor

Potlatch 2

Walking Papers

Field Papers

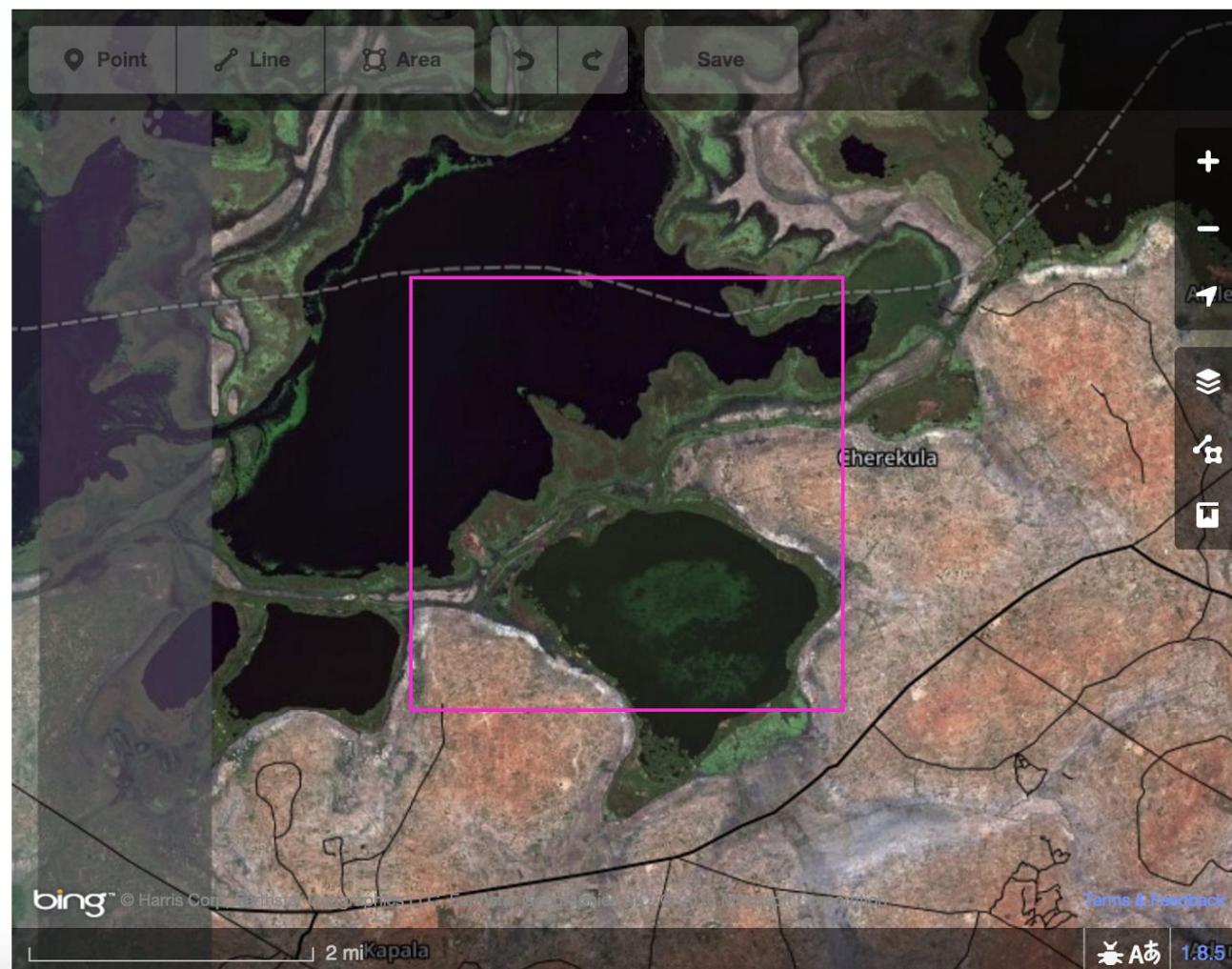
[Unlock](#)[✓ Mark task as done](#)

Leave a comment

[Locked by mataharimhairi](#)

less than a minute ago

# Select editor: iD editor

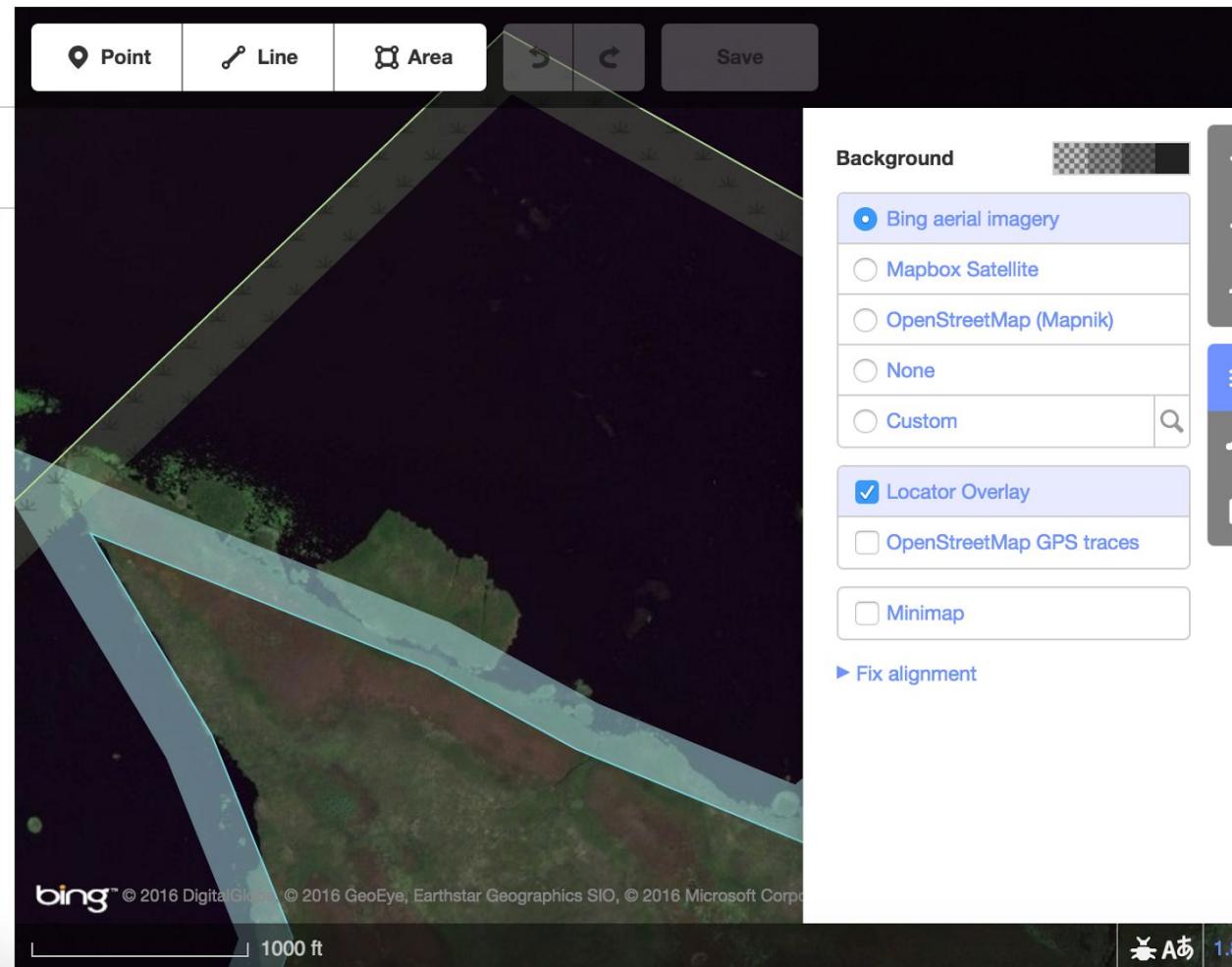


Zoom in to Edit

# Login to iD Editor with OSM account Walkthrough for beginners

Search features

Search



Zoom in to see features  
Side options: background, map data + help

## #1436 - MapUganda - Phase 1: Mbale (Pallisa, Kaliro, Kibuku and Budaka)

[Edit](#)[Export](#)[Description](#)[Instructions](#)[Contribute](#)[Activity](#)[Stats](#)**Task #71**

Difficulty

 Locked by you. [Unlock](#)

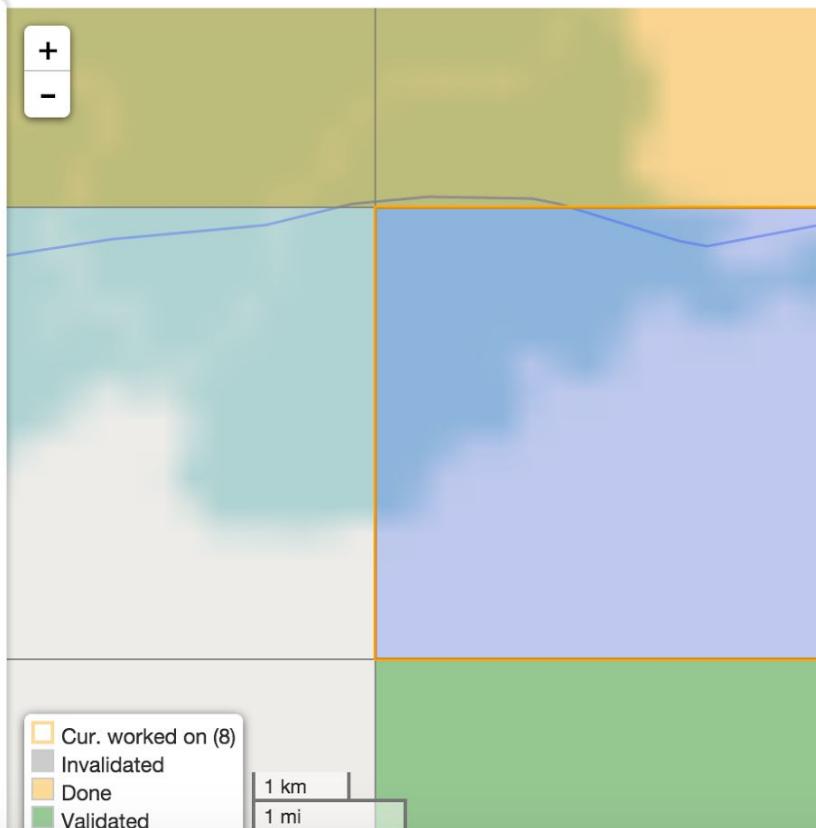
Not assigned yet



⌚ 119 min. left

[Edit with iD editor](#) ▾Task is too big? [Split](#) [Leave a comment](#)

Mark this task as done if you have completed all items in the instructions.

[Unlock](#) [Mark task as done](#)

Locked by mataharimhairi

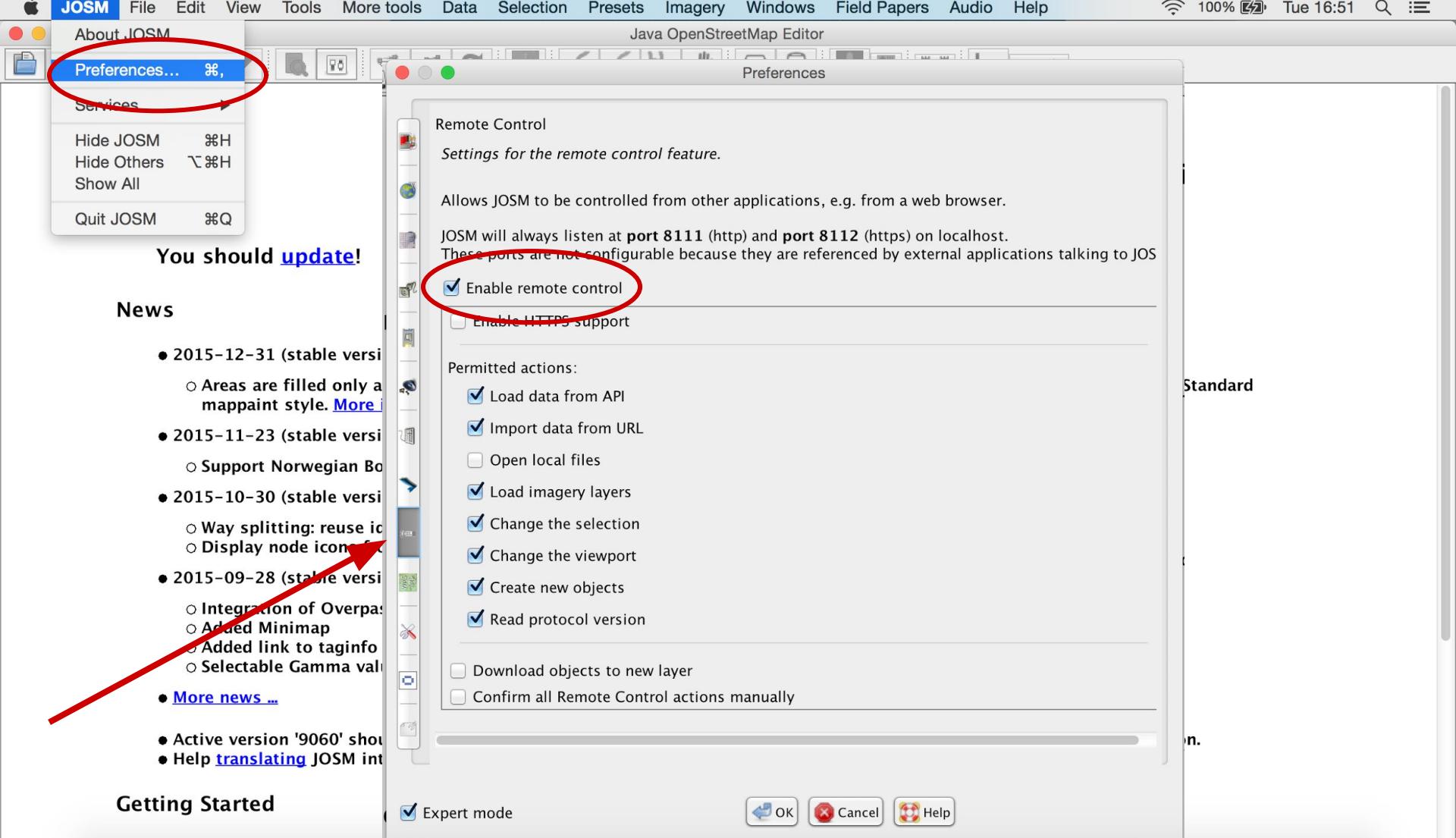
less than a minute ago

Unlocked

less than a minute ago

Locked by mataharimhairi

# Finished: mark the square as done



# JOSM Editor

## Enable remote control in preferences

## #1436 - MapUganda - Phase 1: Mbale (Pallisa, Kaliro, Kibuku and Budaka)

[Edit](#)[Export](#)[Description](#)[Instructions](#)[Contribute](#)[Activity](#)[Stats](#)**Task #71**[Difficulty](#) [⚙️](#)[Locked by you.](#) [Unlock](#)

Not assigned yet

[+](#)[-](#)

⌚ 119 min. left

[Edit with JOSM](#)

ⓘ Tip: Download the following [.gpx file](#) and load it in JOSM in order to see the current task boundary

Task is too big? [Split](#)

Leave a comment

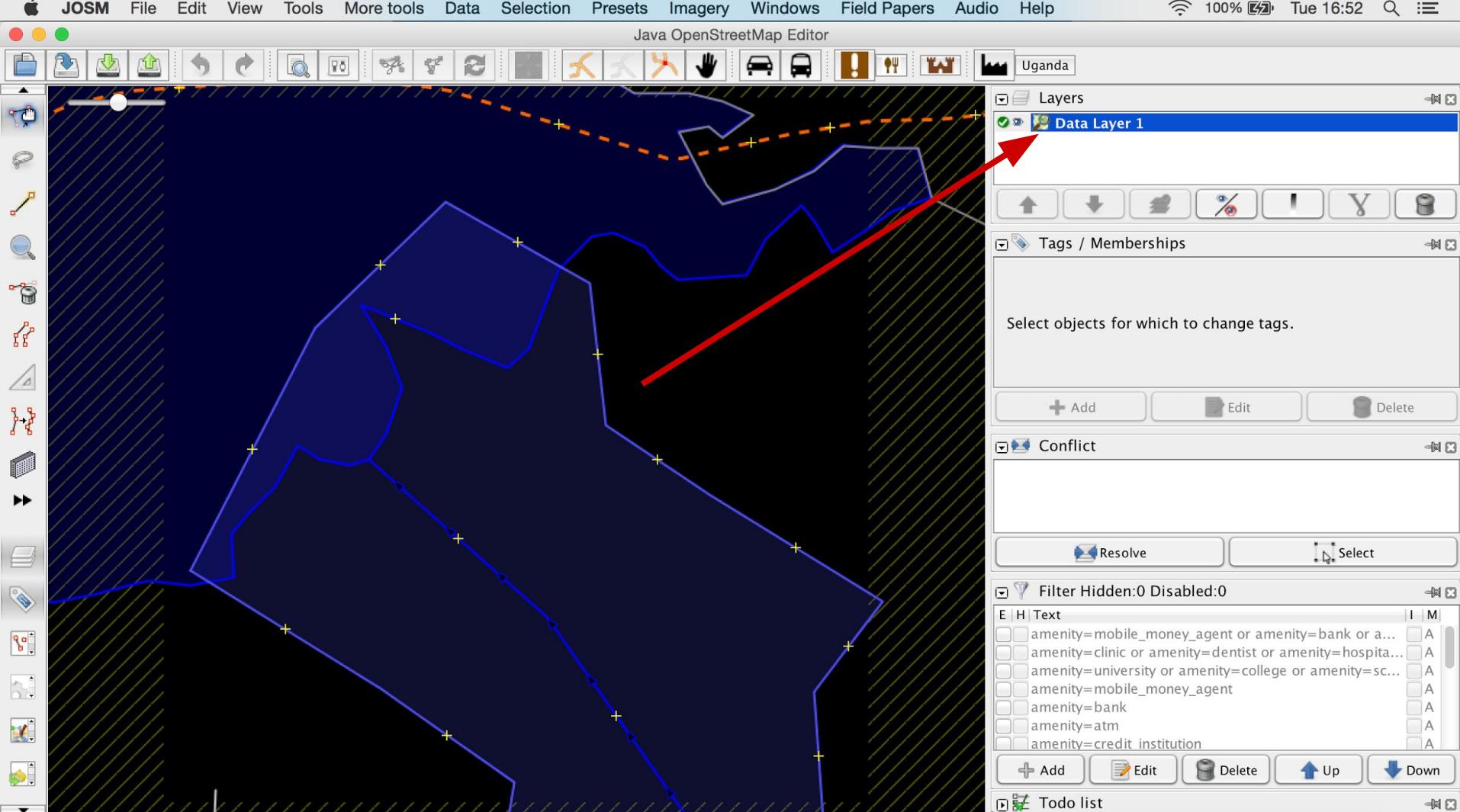
[Unlock](#)[✓ Mark task as done](#)

- Cur. worked on (8)
- Invalidated
- Done
- Validated

1 km

1 mi

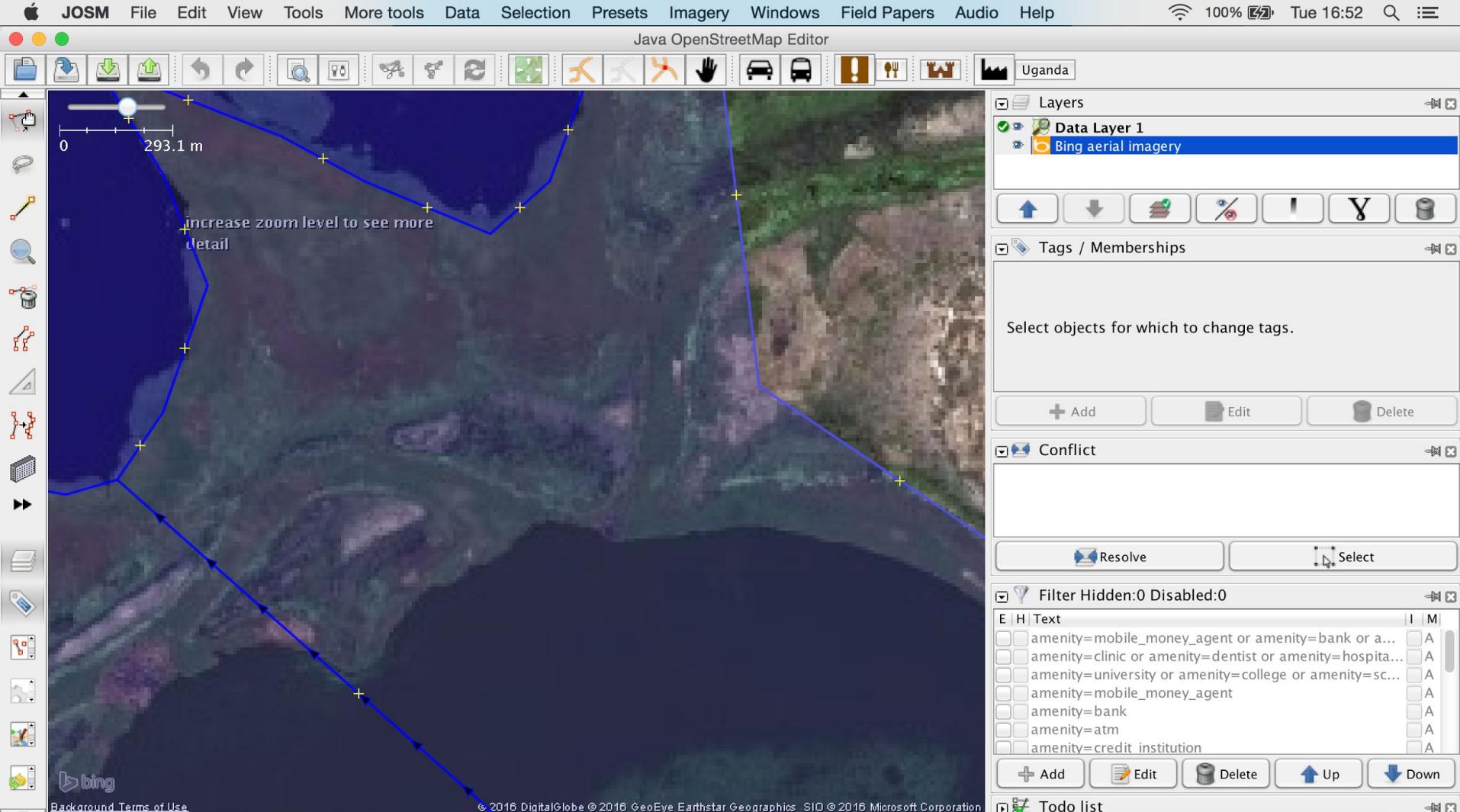
# Select editor: JOSM editor



Data downloaded as a layer



Choose satellite imagery to digitise



# Further documentation on LearnOSM

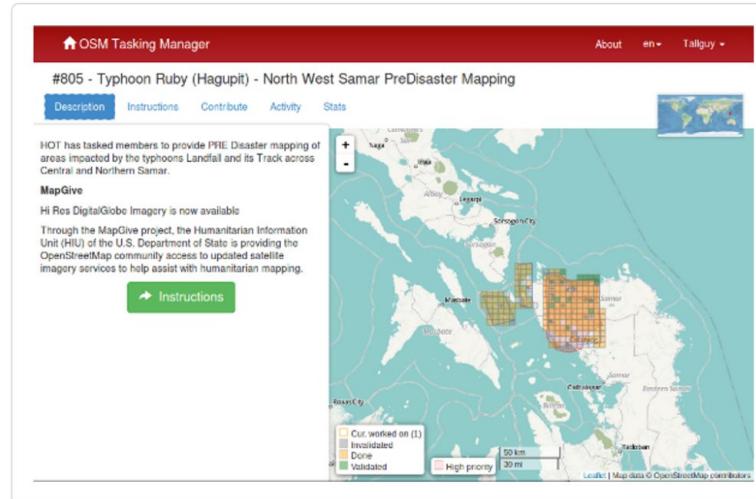
- COORDINATION**
- ▶ HOT Remote Mapping
- ▶ Humanitarian Mapping
- ▶ Tasking Manager**
- ▶ Remote, Armchair or Mapathon editing
- ▶ Tracing roads, buildings, water and landuse
- ▶ Reviewing OSM Data

- OTHER GUIDES**
- ▶ JOSM - Detailed Editing
- ▶ Mapping with a SmartPhone, GPS or Paper
- ▶ Map Design
- ▶ OSM Data

Projects are frequently referred to by their Project number, e.g., [#711 - Ebola](#)

[Outbreak, Kayes, Mali - Pre-emptive building mapping](#), and in this instance you could search on #711 to find this project.

- ◆ Click on a blue project title to see more information about that project.



## 🔗 DESCRIPTION

Everything you need to know about the project is here! On the left is a description of the

<http://learnosm.org/en/coordination/tasking-manager/>

# Further documentation on OSM wiki



Main Page  
The map  
Map Features  
Contributors  
Help  
Blogs  
Shop  
Donations  
Recent changes

Tools  
What links here  
Related changes  
Special pages  
Printable version  
Permanent link  
Page information  
Cite this page

Page Discussion

Read View source View history

English Create account Log in

Search



## OSM Tasking Manager

### Available languages — *OSM Tasking Manager*

Help

• English • Nederlands • русский • 日本語

### Other languages — Help us translate this wiki

• Afrikaans • Alemannisch • asturianu • azerbaijancanca • Bahasa Indonesia • Bahasa Melayu • Bân-lâm-gú • Basa Jawa • Baso Minangkabau • bosanski • brezhoneg • català • čeština • corsu • dansk • Deutsch • eesti • español • Esperanto • euskara • français • Frysk • Gaeilge • Gàidhlig • galego • Hausa • hrvatski • Igbo • interlingua • Interlingue • isiXhosa • isiZulu • íslenska • italiano • Kiswahili • Kreyòl ayisyen • Kréyòl gwadloupéyen • Kurdî • latviešu • Lëtzebuergesch • lietuvių • magyar • Malagasy • Malti • Nedersaksies • norsk bokmål • norsk nynorsk • occitan • Oromo • o'zbekcha/ўзбекча • Plattdüütsch • polski • português • português do Brasil • română • shqip • slovenčina • slovenščina • Soomaaliga • suomi • svenska • Tiếng Việt • Türkçe • Vahcuengh • Wolof • Yorùbá • Zazaki • српски / srpski • беларуская • български • қазақша • македонски • монгол • тоҷикӣ • українська • Ελληνικά • Հայերեն • ქართული • ネパali • मराठी • हिन्दी • অসমীয়া • বাংলা • ਪੰਜਾਬੀ • ଗୁଜରାଟି • ଓଡ଼ିଆ • ତମିନ୍ତି • ଶେଲାଗୁ • କଣ୍ଠଦ୍ଵାରା ମହାଯାଙ୍ଗ • ଚିଂହାର • ତୈଥ • ພັກ ມາວະວະວາ • ລາວ • ກາສາ໌ຊົ້ວ • ພິບປະຕະກອນ • ຂໍາຍຸດ໌ • 한국어 • 中文 (简体) • 吴语 • 粵語 • 中文 (繁體) • فارسی • سنتی • پښتو • العربية • اردو • עברית • יידיש ()

The OSM Tasking Manager [\[link\]](#) is a mapping tool designed and built for the [Humanitarian OSM Team](#) collaborative mapping. The purpose of the tool is to divide up a mapping job into smaller tasks that can be completed rapidly. It shows which areas need to be mapped and which areas need the mapping validated.

This approach facilitates the distribution of tasks to the various mappers in a context of emergency. It also permits to control the progress and the homogeneity of the work done (i.e. Elements to cover, specific tags to use, etc.).

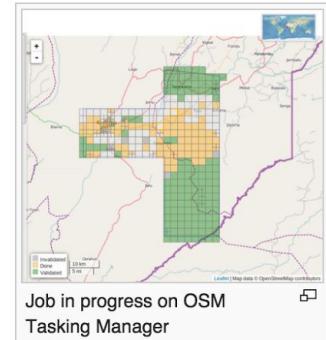
Please see [Tasking Manager at LearnOSM](#) [\[link\]](#) Many sections of this wiki entry are now out of date, and the entry at LearnOSM is more recent & should be referred to.

### Contents

#### 1 Setting up your editor

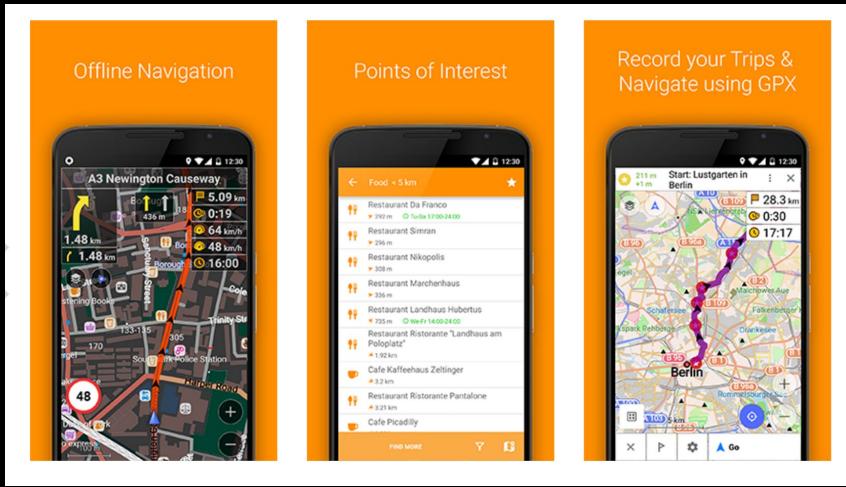
##### 1.1 iD Editor

[\[link\]](#) [\[link\]](#) [\[link\]](#) [\[link\]](#)



Job in progress on OSM Tasking Manager

[https://wiki.openstreetmap.org/wiki/OSM\\_Tasking\\_Manager](https://wiki.openstreetmap.org/wiki/OSM_Tasking_Manager)



# OSM data in different file formats



OSM data on Garmin GPS



## Fresh Humanitarian Maps

Download up-to-date humanitarian maps for GIS analysis or for use in GPS devices and Smartphones.

This platform allows you to create custom OpenStreetMap (OSM) exports for various HOT regions. You can specify an area of interest and a list of OSM feature tags for the export. There are a number of file formats available for exporting the data in, which includes Esri SHP, Garmin IMG, Google KMZ, OSM PBF and SQLite SQL. The OSM data available from the Export Tool is updated at one minute intervals.

## How to Get Started

You can view and search through existing HOT exports at our [Exports](#) page. It is not required to have an account to view or search existing exports, however if you would like to create a new export



[Login to OpenStreetMap](#)

If you don't have an OpenStreetMap account you can register for one [here](#).

[Login to OpenStreetMap](#)

**HOT Export Tool**  
<http://export.hotosm.org/>



Describe Export

File Formats

Tree Tag

Preset File

Export Details

Name

Description

Project

Coordinates



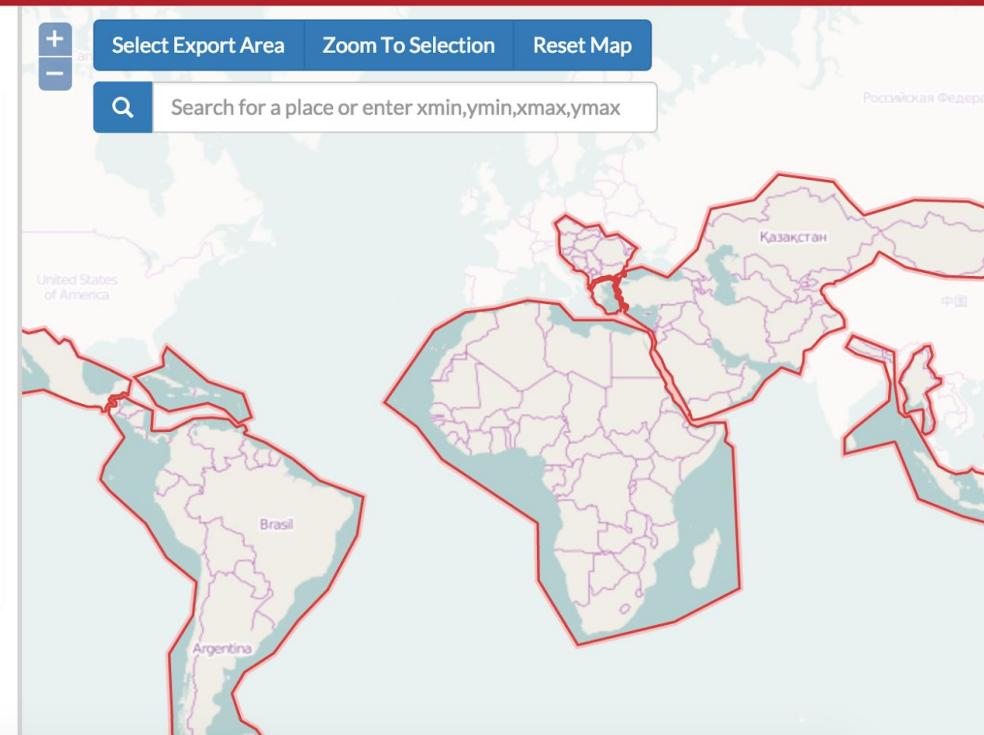
Select Export Area

Zoom To Selection

Reset Map



Search for a place or enter xmin,ymin,xmax,ymax



3 Main Sections:  
Create, Exports + Presets



## OSM Export Tool

Create Exports Presets Help About mataharimhairi -

Describe Export

File Formats

Tree Tag

Preset File

Export Details

Name

Mbale

Description

Detailed Town Mapping Plan

Project

#MapUganda

Coordinates



Select Export Area

Zoom To Selection

Reset Map



Mbale

Mbale, Eastern Region, Mbale, Uganda

Mbale, Vihiga, Kenya

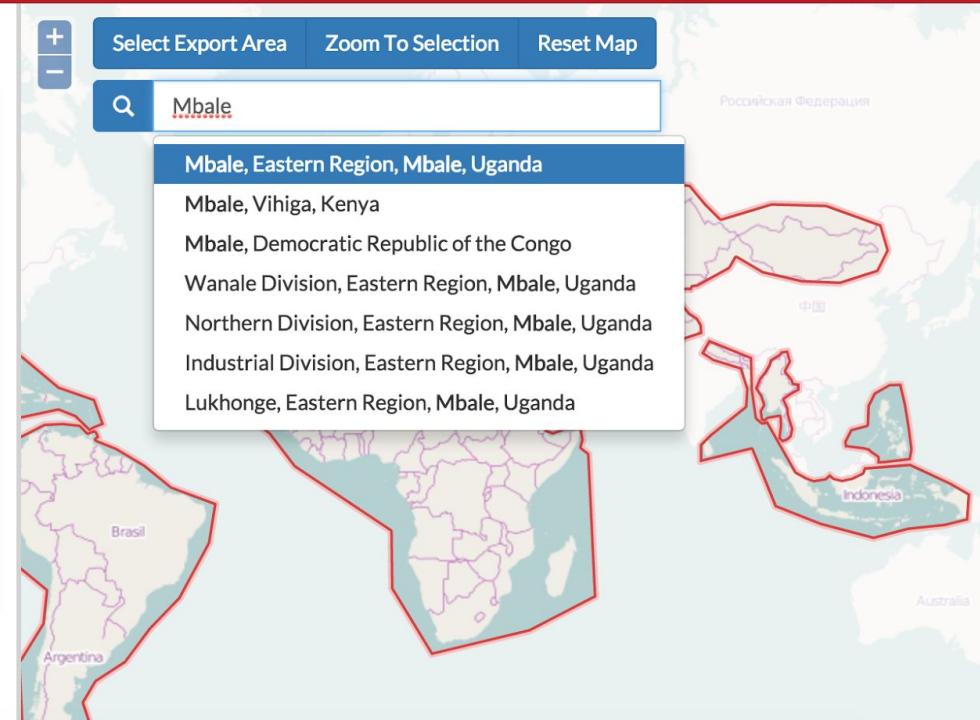
Mbale, Democratic Republic of the Congo

Wanale Division, Eastern Region, Mbale, Uganda

Northern Division, Eastern Region, Mbale, Uganda

Industrial Division, Eastern Region, Mbale, Uganda

Lukhonge, Eastern Region, Mbale, Uganda



**Create: Describe Export Tab**  
Enter name, description, project  
+ select area of interest



## OSM Export Tool

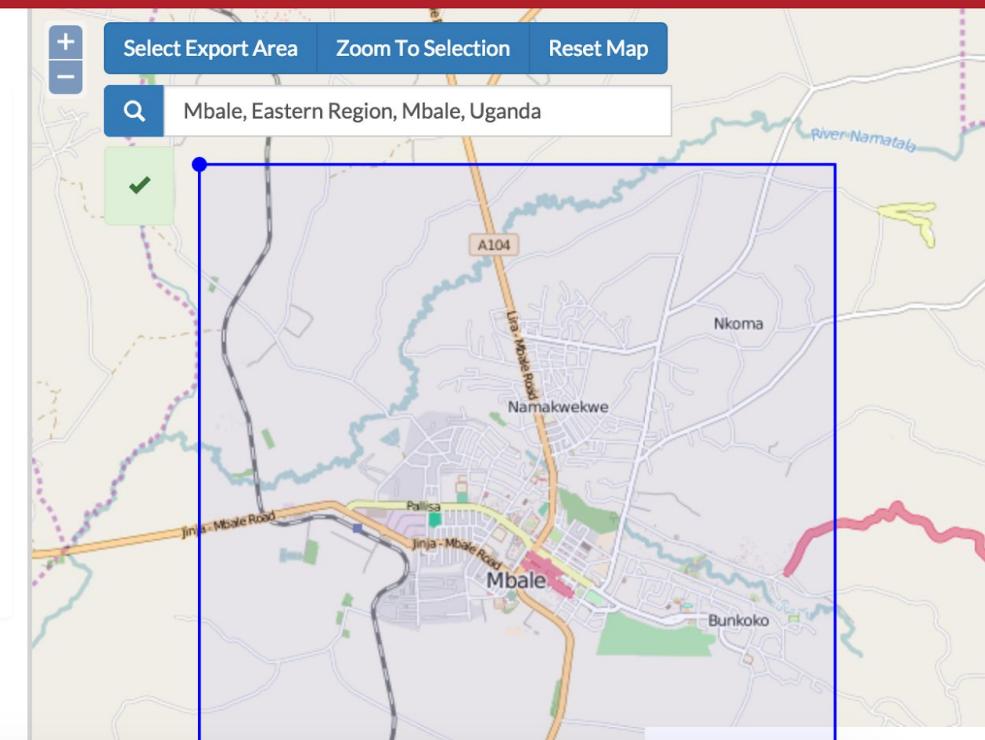
Create Exports Presets Help About mataharimhairi ▾

Describe Export File Formats Tree Tag Preset File Export Details

### Select Export Formats:

More than one export format can be selected. Please note that there are two Esri Shapefile options, as the Thematic Schema provides the data in a set of themed geometry tables (points, lines and polygons), whereas the OSM Schema provides all attributes in layers grouped by geometry type

- Esri SHP (OSM Schema)
- Esri SHP (Thematic Schema)
- Garmin Map
- Google Earth KMZ
- OSMAnd OBF
- SQLite SQL



**Create: File Formats Tab**  
**Select format OSM data will be exported to**



## OSM Export Tool

Create Exports Presets Help About mataharimhairi ▾

Describe Export File Formats Tree Tag Preset File Export Details

Select from either the HDM or OSM data models.

Features can only be selected from one tree, either from the HDM or the OSM data model. Feature tags can not be mixed between the two. Deselect the HDM Tree to enable the OSM Tree.

Humanitarian Data Model

Buildings

Transportation

Barriers

Transportation means

Other road objects

Obstacles

Roads

Unclassified

Service roads

Roads under construction

Secondary Link

OSM Data Model

Water

Relations

Sports

Highways

Facilities

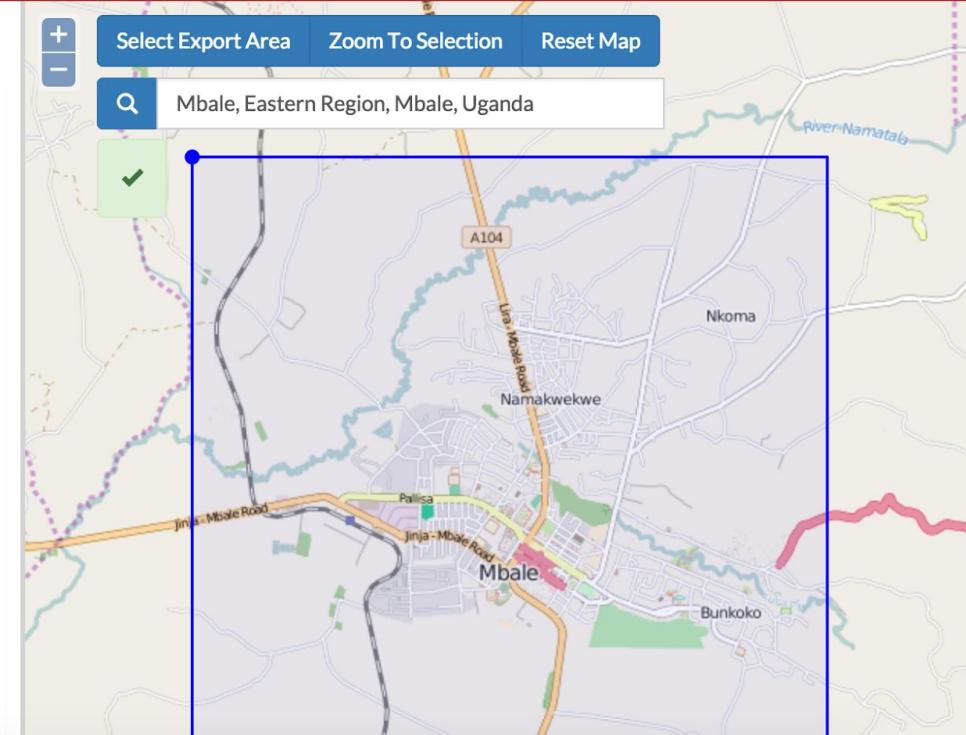
Shops

Man Made

Annotation

Transport

Geography



Create: Tree Tag Tab  
Select features to export from either  
the HDM or OSM Data Model



## OSM Export Tool

Create Exports Presets Help About mataharimhairi ▾

Describe Export File Formats Tree Tag Preset File Export Details

### Upload a preset file

Use this form to either upload a [JOSM Preset](#) configuration file, or to select a previously published preset configuration. Only one preset file can be selected at a time. Any selections of features you have made from the HDM Data Model or the OSM Data Model will be cleared.

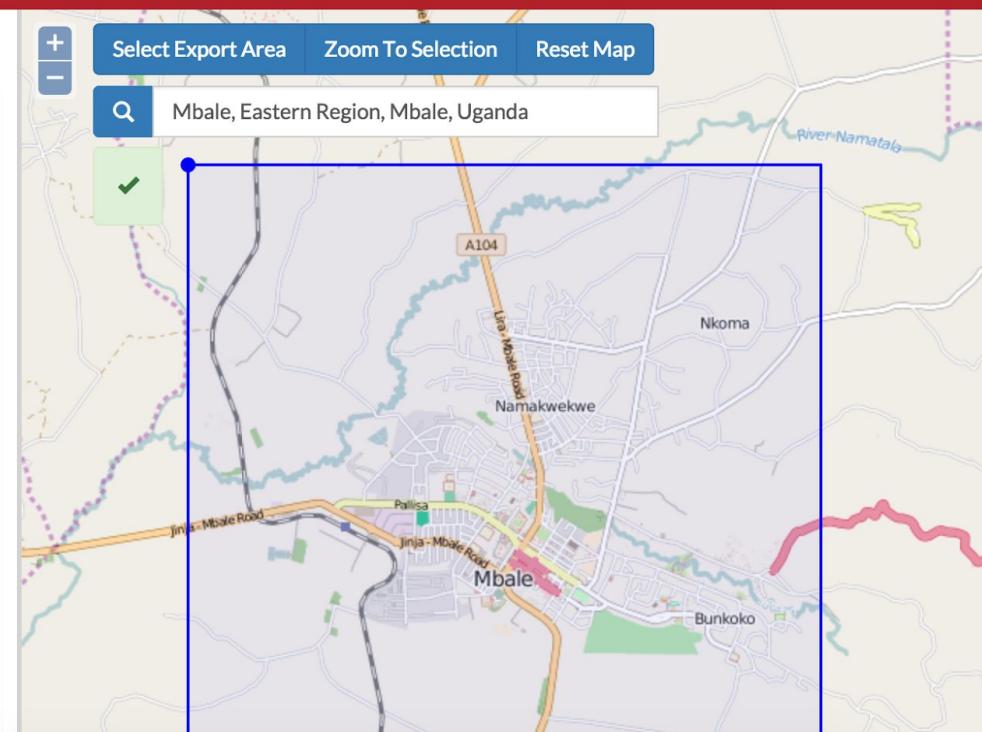
Preset name:

Publish this preset globally.

+ Upload Preset

Select a stored preset

Filename	Type	Status
<a href="#">mbale_preset.xml</a>	PRESET	false



**Create: Preset File Tab**  
Either upload or select a stored preset  
to filter OSM features during export



Describe Export File Formats Tree Tag Preset File Export Details

### Export Details

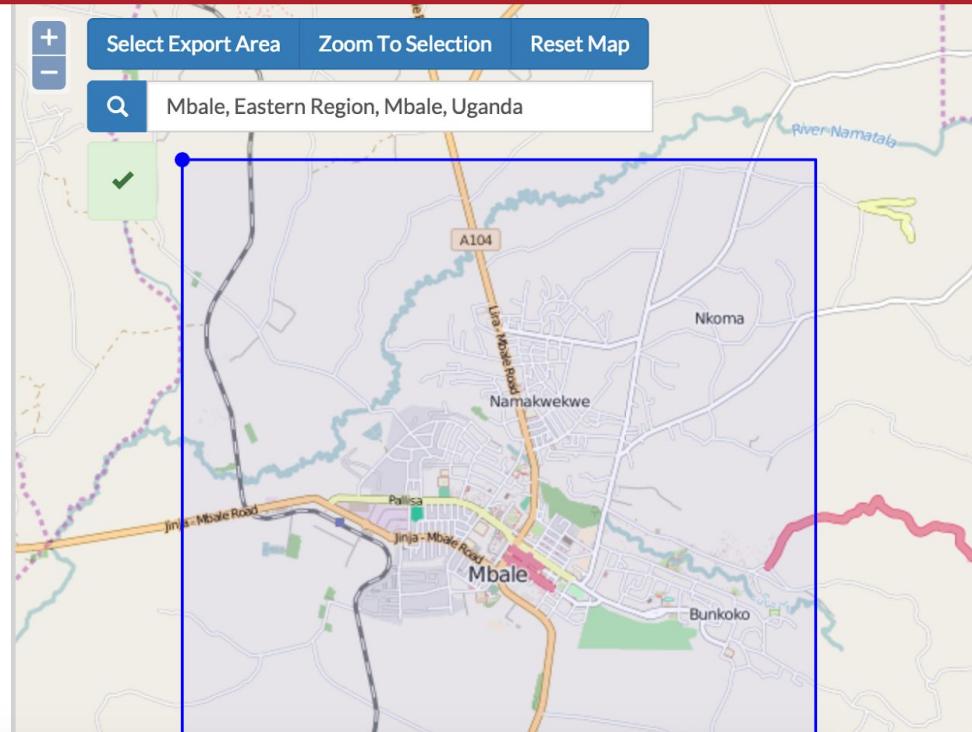
Name: Mbale  
Description: Detailed Town Mapping Plan  
Activation: #MapUganda  
Export formats:

- Esri SHP (OSM Schema)
- Esri SHP (Thematic Schema)

### Export Options

- Save feature selection locally  
 Publish feature selection globally  
 Publish export globally

Create Export



Create: Export Summary Tab  
Save and publish feature selection  
+ export either privately or publicly

## Export Details

Job Id:	c281ee22-351a-43b0-875af96a5fa36fb5
Name:	Mbale
Description:	Detailed Town Mapping Plan
Project:	#MapUganda
Region:	Africa
Area:	49 sq km
Created:	12:44:00 pm, January 22nd 2016
Created By:	mataharimhairi
Published:	Publicly
Export Formats:	ESRI Shapefile Format ESRI Shapefile Format (Thematic)



Data is copyright [OpenStreetMap](#) contributors, [ODbL 1.0](#) licensed.

[Features](#)[Rerun Export](#)[Clone Export](#)[Delete Export](#)

## Export Runs

12:44:54 pm, January 22nd 2016

Run Id: 4f42075f-5cee-4918-b573-defe282c31a9

Status: COMPLETED

Run by: mataharimhairi

Started : 12:44:00 pm, January 22nd 2016

Finished: 12:44:54 pm, January 22nd 2016

Duration: a minute

Download:	File	Duration	Size
	<a href="#">OpenStreetMap (PBF) File</a>	0:00:00	0.025 MB
	<a href="#">ESRI Shapefile (SHP)</a>	0:00:00	0.057 MB
	<a href="#">Thematic ESRI Shapefile (SHP)</a>	0:00:13	0.052 MB
	<a href="#">Custom JOSM Preset (XML)</a>	0:00:01	0.009 MB

**Export Details**  
Links to exported data files  
Rerun, clone or delete export option



## OSM Export Tool

Create Exports Presets Help About mataharimhairi ▾

Filter Exports

Search for name, description, event or username

Start Date: 2015-12-27 01:12

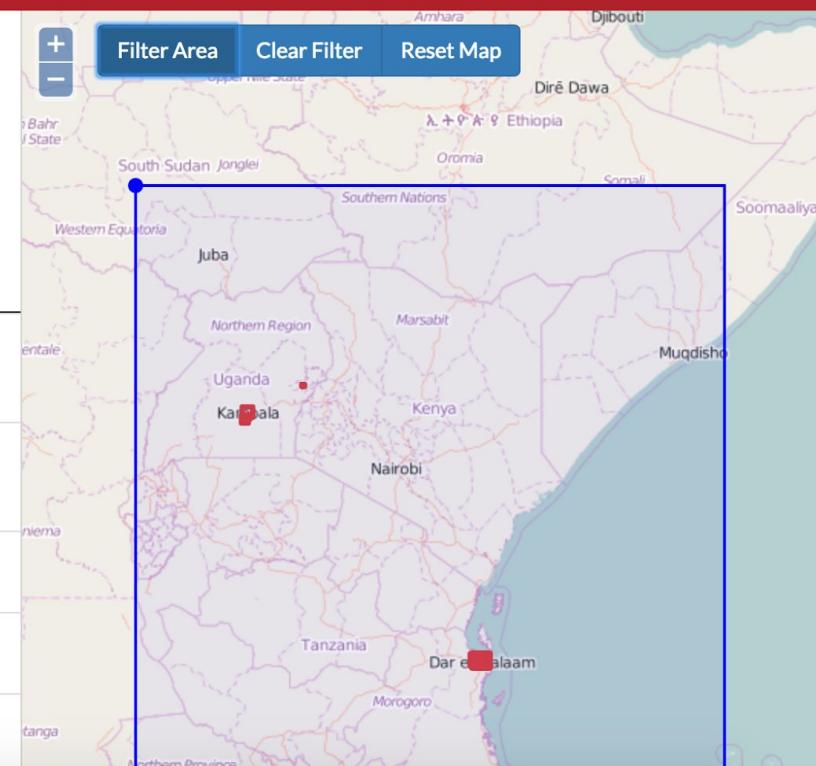


End Date: 2016-01-27 01:01



Reset Form

Name	Description	Project	Created	Region	Owner	
Dar es Salaam	Ramani Huria	Community Mapping For Flood Resilience	2016-01-25	Africa	paulevance	
Dar es salaam	Ramani Huria	Community mapping for flood resilience areas	2016-01-25	Africa	paulevance	
Mbale	Detailed Town Mapping Plan	#MapUganda	2016-01-22	Africa	mataharimhairi	
Mbale	Detailed Town Mapping Plan	#MapUganda	2016-01-22	Africa	mataharimhairi	
Dar Flood Prone zone	Ramani Huria	Community Mapping For Flood	2016-01-18	Africa	paulevance	



Exports  
Filter + access saved exports



## OSM Export Tool

Create Exports Presets Help About mataharimhairi ▾

▼ Filter Presets

Name	Type	Created	Download Configuration	Owner	
yogyakarta	PRESET	2016-01-26	<a href="#">yogyakarta_preset.xml</a>	Tyasfk	
Jogja	PRESET	2016-01-26	<a href="#">jogja_preset.xml</a>	RLinggarMeisar	
GitHub Issue #74-TreeTag	PRESET	2016-01-24	<a href="#">github_issue_74treetag_preset.xml</a>	mataharimhairi	<a href="#">Delete</a>
GitHub Issue #74-TreeTag	PRESET	2016-01-23	<a href="#">github_issue_74treetag_preset.xml</a>	mataharimhairi	<a href="#">Delete</a>
Test Preset	PRESET	2016-01-23	<a href="#">test_preset_v1.xml</a>	mataharimhairi	<a href="#">Delete</a>

My Presets

Display 5 presets per page

Displaying 1-5 of 20 results

Next >

[Upload Preset](#)

Upload a preset file

Use this form to upload a **JOSM Preset** configuration file.

Preset name:

Publish this preset publicly

# Presets

## Filter + access saved presets

This XML file does not appear to have any style information associated with it. The document tree is shown below.

---

```
▼<presets xmlns="http://josm.openstreetmap.de/tagging-preset-1.0">
  ▼<group name="OSM Data Model">
    ▼<group name="Highways">
      ▼<group name="Waypoints">
        ▼<item name="Motorway Junction" type="node">
          <key key="highway" value="motorway_junction"/>
        </item>
        ▼<item name="Give Way" type="node">
          <key key="highway" value="give_way"/>
        </item>
        ▼<item name="Turning Circle" type="node">
          <key key="highway" value="turning_circle"/>
        </item>
        ▼<item name="Turning Loop" type="node">
          <key key="highway" value="turning_loop"/>
        </item>
        ▼<item name="Services" type="node,closedway,relation">
          <key key="highway" value="services"/>
        </item>
        ▼<item name="Passing Place" type="node">
          <key key="highway" value="passing_place"/>
        </item>
        ▼<item name="Pedestrian Crossing" type="node">
          <key key="highway" value="crossing"/>
        </item>
        ▼<item name="City Limit" type="node">
          <key key="traffic_sign" value="city_limit"/>
        </item>
        ▼<item name="Traffic Signal" type="node">
          <key key="highway" value="traffic_signals"/>
        </item>
```

# XML Preset File



## Help Documentation

The Export Tool allows users to create custom OpenStreetMap (OSM) exports for selected HOT regions in various data file formats. The OSM data available for download is updated at one minute intervals. This help documentation will assist users in navigating the site, and use the available functionality effectively to generate OSM exports.

### Main Pages

The OSM Export Tool has three main sections; an area to create new exports (Create), an area where existing exports are stored and can be re-run (Exports), and an area where preset files are stored and can be accessed (Presets). The following links will take the user step by step through the each section, providing guidance for the available functions:

- [Create](#)
- [Exports](#)
- [Presets](#)

### File Formats

# Help Documentation



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## hotosm / osm-export-tool2

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Graphs

Settings

Export customised OSM data in various file formats <http://export.hotosm.org/> — Edit

330 commits

1 branch

2 releases

7 contributors

Branch: master

New pull request

New file

Find file

HTTPS

<https://github.com/hoto>



Download ZIP

**mataharimhairi** Merge pull request #111 from waffle-iron/master ...

Latest commit 2fd7147 7 days ago

.tx	Adding tx for javascript files.	4 months ago
api	Fix for #99.	3 months ago
core	Updating inline code documentation.	3 months ago
doc	Fix for #78. Updating locales.	4 months ago
jobs	Fix for #103.	3 months ago
locales	Fix for transifex issue.	3 months ago
scripts	Fix flake8 E265	4 months ago

GitHub Repository  
<https://github.com/hotosm/osm-export-tool2/>