



OSM HOT tasking manager

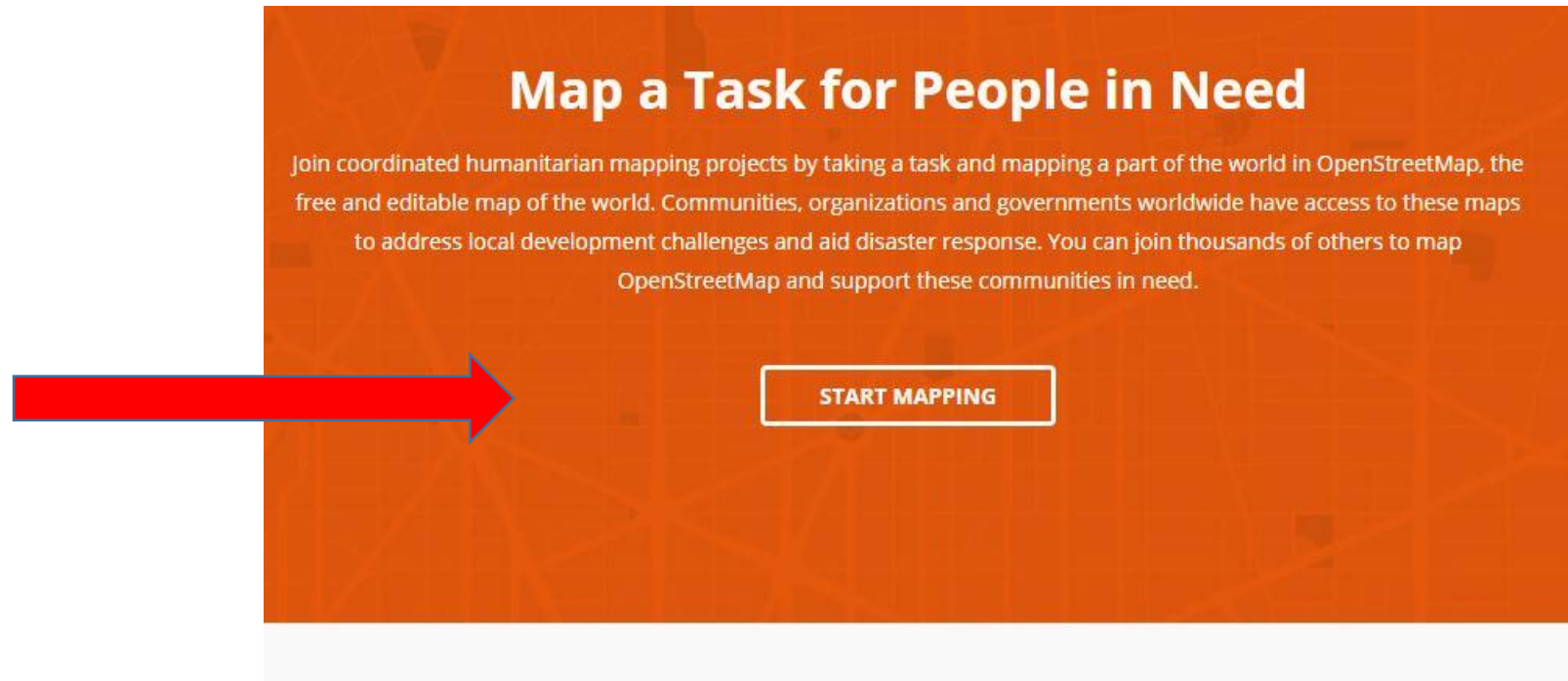
Humanitarian mapping projects in OSM

What is OSM HOT tasking manager?

- Users, Project managers, Validators working on humanitarian relief projects to create current maps.
- [V3 of tool](#) released in 2017
- Roads, buildings, landuse, etc.
- IdEditor, Potlatch, or JOSM tools to map.
- Live mapping and validating within the community.

Setting up to get started:

- Go to <https://tasks.hotosm.org/>
- Log in with OSM credentials.
- Hit 'Start Mapping'!



Find a project

- Start off as a mapper.
- [Roads tutorial/Building tutorials](#)
- Filter by difficulty level.
- Look at % mapped/validated.

The screenshot shows the HOT Tasking Manager interface. At the top, there's a navigation bar with the HOT logo, 'TASKING MANAGER', and links for 'Contribute', 'Learn', 'About', and 'What is New?'. Below this, there are tabs for 'Grid view' and 'Map view'. The left sidebar contains several filter sections: 'Search' with a text input and a search icon; 'Mapping difficulty' with a dropdown menu set to 'All' (this section is circled in red); 'Organisation' with a dropdown menu set to 'All'; 'Campaign' with a dropdown menu set to 'All'; and 'Type(s) of mapping' with checkboxes for 'Roads' and 'Buildings'. The main area displays a list of projects. The first project is 'URGENT #3641 Mexican Earthquake | 2017 Sep 19 - Tenancingo peripheral villages, EDOMEX'. It has a red banner that says 'Validation needed!'. Below the banner, there's a description: 'A powerful earthquake (magnitude 7.1) jolted central Mexico c Tuesday, cracking building facades and scattering rubble on streets in the capital on the anniversary of a devastating 1985 quake. Its epicenter was near the Puebla ...'. It lists 'Organization: OSM-MX', 'Campaign: Disaster Response', and 'Level: INTERMEDIATE'. At the bottom of the project card, it shows '97% Mapped' and '96% Validated' with a user icon and the number '1'. A red arrow points from the 'Campaign' filter dropdown to the 'Campaign' field of this project. Another red arrow points from the 'Level: INTERMEDIATE' field to the right. The second project is 'HIGH #3824 The State of Sri Lankan Cities: Project_Badulla'.

Find a project

- Read Instructions – tile asset to use
- Check history: Can give clues about condition of package. If locked “for a few seconds”, may be complete but not submitted.
- Choose package to map
- Complete 3 packages for beginner, intermediate, and advanced

The screenshot shows the HOT Tasking Manager interface. At the top, there is a navigation bar with the HOT logo, 'TASKING MANAGER', and links for 'Contribute', 'Learn', 'About', and 'What is New?'. Below this, a secondary navigation bar has tabs for 'Instructions', 'Map', 'Validate', and 'Questions and Comments'. The 'Instructions' tab is currently selected and highlighted with a red circle. The main content area is divided into two sections: 'Mapping' and 'History'. The 'Mapping' section has a sub-header 'Mapping' and a message 'This task is available for mapping.' Below this are two orange buttons: 'START MAPPING' and 'SELECT ANOTHER TASK'. The 'History' section has a sub-header 'History' and a list of four task entries, each with a status (Locked for mapping), a user name, and a duration. A red arrow points from the text 'intermediate, and advanced' in the list to the 'History' section. On the right side of the interface, there is a map showing a region in India with various colored overlays. A legend is visible in the bottom right corner of the map, listing categories: Ready (white), Mapped (yellow), Bad imagery (grey), Validated (green), Invalidated (pink), Locked (blue), Locked by you (blue), and Priority area (red). The map also shows a scale bar for 10 km and a location marker for 'Thakurgaon'.

HOT TASKING MANAGER Contribute Learn About What is New?

Instructions Map Validate Questions and Comments

Mapping

This task is available for mapping.

START MAPPING

SELECT ANOTHER TASK

History

Locked for mapping by **Mirja Dooren**
6 days ago for 16 minutes

Locked for mapping by **Nerf-pique**
a month ago for a minute

Locked for mapping by **MCGT**
a month ago for 4 minutes

Locked for mapping by **ZBGDinkelman**
2 months ago for a few seconds

> Advanced


Advanced task information and editing options

Legend

- Ready
- Mapped
- Bad imagery
- Validated
- Invalidated
- Locked
- Locked by you
- Priority area

10 km

Easy to
follow
interface

 **TASKING MANAGER**

ContributeLearnAboutWhat is New?

English▼herriotto3▼

InstructionsMapValidateQuestions and Comments

Instructions

Entities to map

Buildings

Changeset Comment

#hotsm-project-4137 #CartONG #UNHCR #Bangladesh #Rohingya-Crisis
#bangladeshpmo

Imagery

tms[22]:https://tiles.openaerialmap.org/5a4203c12553e6000ce5ab28/0/b6dae42c-0c6e-4f8e-ac84-a1344aa009da/{z}/{x}/{y}.png

Imagery details

The mapping will be done using the drone imagery produced on December 24th 2017 by the International Organization for Migrations.

The mapping previously done on the camp have been traced based on a less accurate satellite imagery, you should therefore update the data to fit the drone imagery if you see existing elements.

Buildings

The buildings in the camps may be a mixture of formal (bricks, concrete etc) and informal (tarpaulins, huts, etc.) constructions.

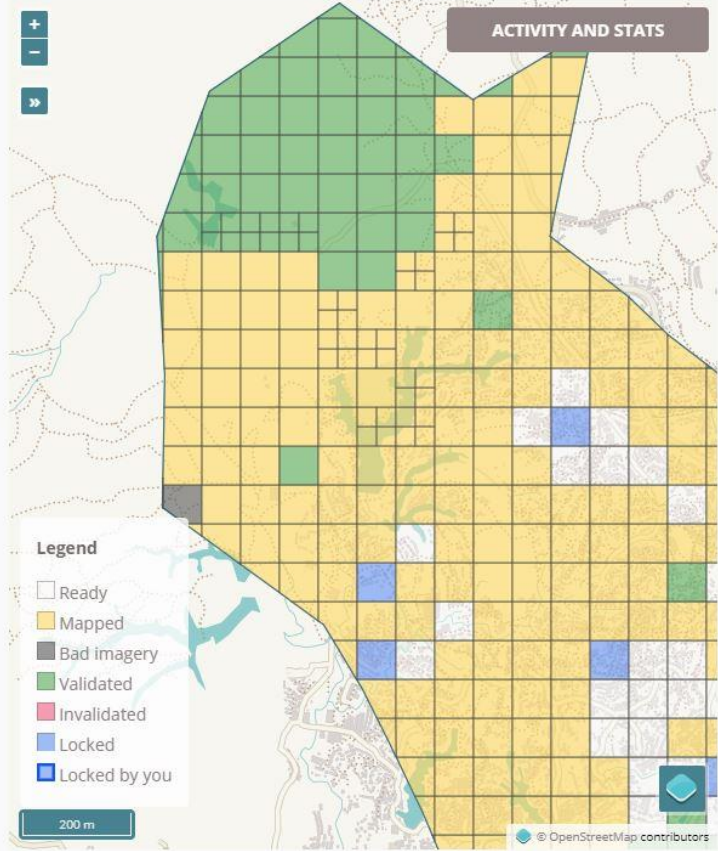
Some photo examples: [large tarpaulin shelters within the formal camp](#) or [makeshift huts thatched with vegetation in the informal settlements](#).

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ACTIVITY AND STATS



Legend

- Ready
- Mapped
- Bad imagery
- Validated
- Invalidated
- Locked
- Locked by you

200 m

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Validation

<https://www.mapbox.com/mapping/validating-osm/>

Validation

Find a task for validation through one of the options below.

Option 1: Select a task by clicking on the map

Option 2: [VALIDATE A RANDOM TASK](#)

Option 3: [SELECT AREA BY DRAWING A POLYGON](#)
[START VALIDATING](#)

Option 4: [RESELECT TASKS LOCKED FOR VALIDATION](#)

Option 5: Select by user below

CONTRIBUTOR	LEVEL	#	REGISTERED	LAST VALIDATION	LOCK
Zottelino	Beginner	1	4 days ago	3 days ago	Start
Viola91	Beginner	2	a month ago	18 days ago	Start
VidyaR	Beginner	10	4 hours ago	an hour ago	Start
TalieNat	Beginner	2	a day ago	a day ago	Start
spb_ayon	Beginner	1	7 days ago	7 days ago	Start
SiemG	Advanced	2	5 months ago	40 minutes ago	Start
scramhorn	Beginner	8	a year ago	a day ago	Start

Legend

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200 m

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Legend

- ☐ Ready
- ☒ Mapped
- ☐ Bad imagery
- ☐ Validated
- ☐ Invalidated
- ☐ Locked
- ☐ Locked by you

200 m

OpenStreetMap responds in Nepal

Hum.
Open
Tear

18 May 2015 | Andrew Wiseman & Pierre Béland | 131



Image credits : Photo by [Kathmandu Living Labs](#). CC BY-4.0.

Since the devastating earthquake in Nepal, there have been responses from all over the world from relief agencies, governments, non-profits, and ordinary citizens. One interesting effort has been from the crowdsourced mapping community, especially on [OpenStreetMap.org](#), a free and open web map of the world that anyone can edit (think the Wikipedia of maps.)

Crowdsourced Mapping Could Help Prevent the Next Big Ebola Outbreak

The virus often hit in remote, unmapped parts of the world, but volunteers are filling in the missing gaps, and you can too.



Missing Maps: what is Baraka ... and how can you help map it?

Che Guevara kicked around Baraka, in the Democratic Republic of Congo, in the 1960s. Now it is a thriving trading city - but still lacks a basic digital map. Guardian readers are setting out to change that

● **Missing Maps: the human genome project for cities**



A huge number of human settlements remain unmapped. Tomorrow, the **Missing Maps** project sets out to fix that, with an unprecedented plan to map the world's forgotten places.