

HOT Philippines & PhilAware

Project Launch



Humanitarian
OpenStreetMap
Team

Facebook: @HOTOSMPhilippines

Instagram: @hotosm.philippines

Twitter: HOTOSM_Ph



Want swag? We got swag.

Please take out your phones...
Shoot, post, tag, follow and share to win.



Nick Brown

HOT Philippines Country Manager

nick.brown@hotosm.org



Facebook: @HOTOSMPhilippines

Instagram: @hotosm.philippines

Twitter: HOTOSM_Ph

nick.brown@hotosm.org





YPDR

YOUNG PIONEER
DISASTER RESPONSE





YPDR

engageSPARK

Voice & SMS Text campaigns made EASY



International Organization for Migration (IOM)

The UN Migration Agency

Facebook: @HOTOSMPhilippines

Instagram: @hotosm.philippines

Twitter: HOTOSM_Ph

nick.brown@hotosm.org



We're HIRING!

Goal: Strengthen OSM Ph Community



Bonus Points

#HOTPh #PhilAWARE

@HOTOSM

@OpenStreetMap

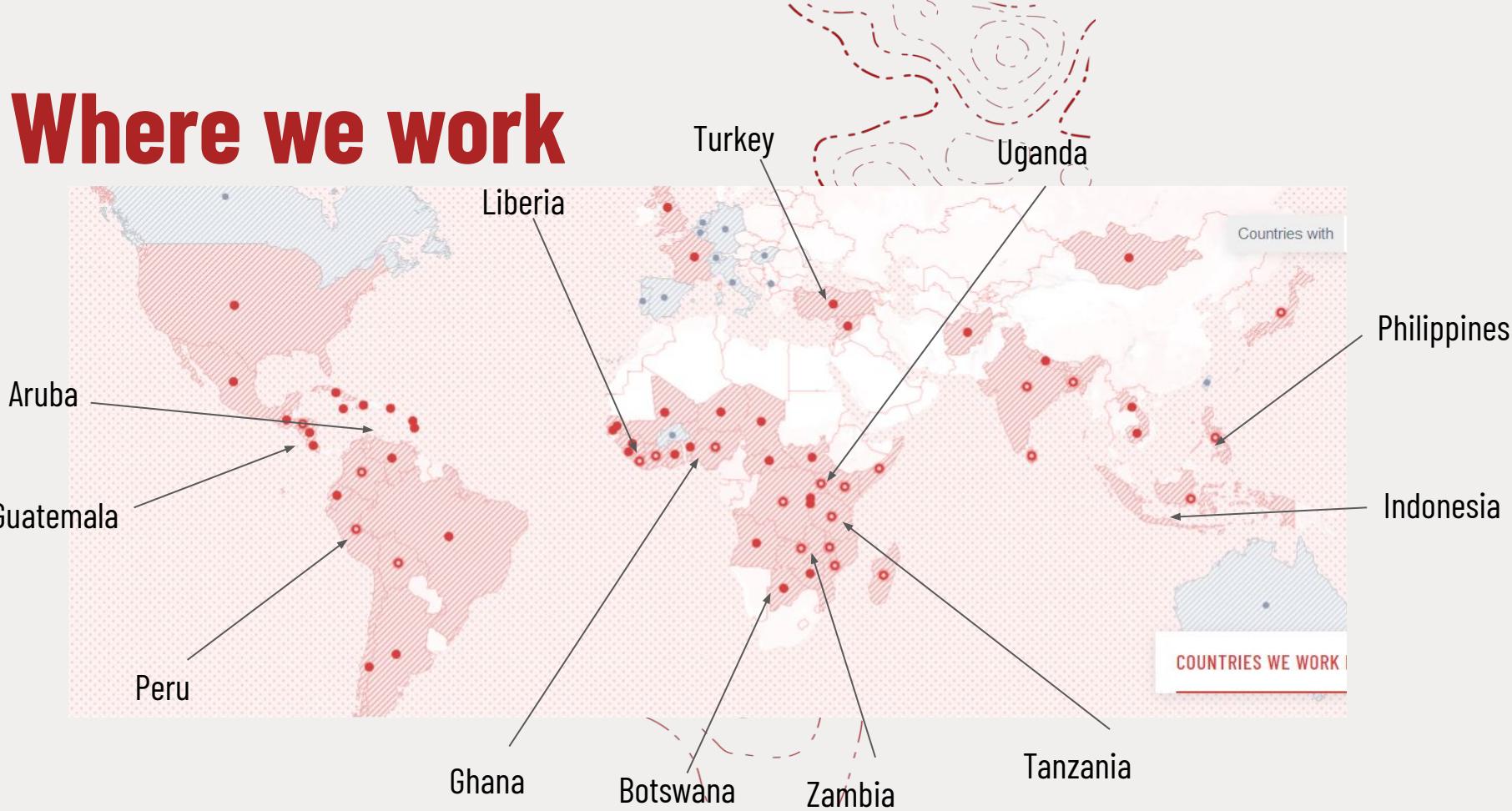
@TheMissingMaps

@PDC_Global

@CivilDefensePH



Where we work



Australian Aid
AUSTRALIA-INDONESIA
FACILITY FOR
DISASTER REDUCTION



PDC | GLOBAL

GFDRR
Global Facility for Disaster Reduction and Recovery

American Red Cross

Microsoft

developmentSEED

HOT

#TheMissingMaps



Contributions

Since 2014 Missing Maps users have contributed



85,780

Total Contributors



49,323,669

Total Edits



41,317,158

Building Edits



1,082,781

Roads (km)



**Missing
Maps**



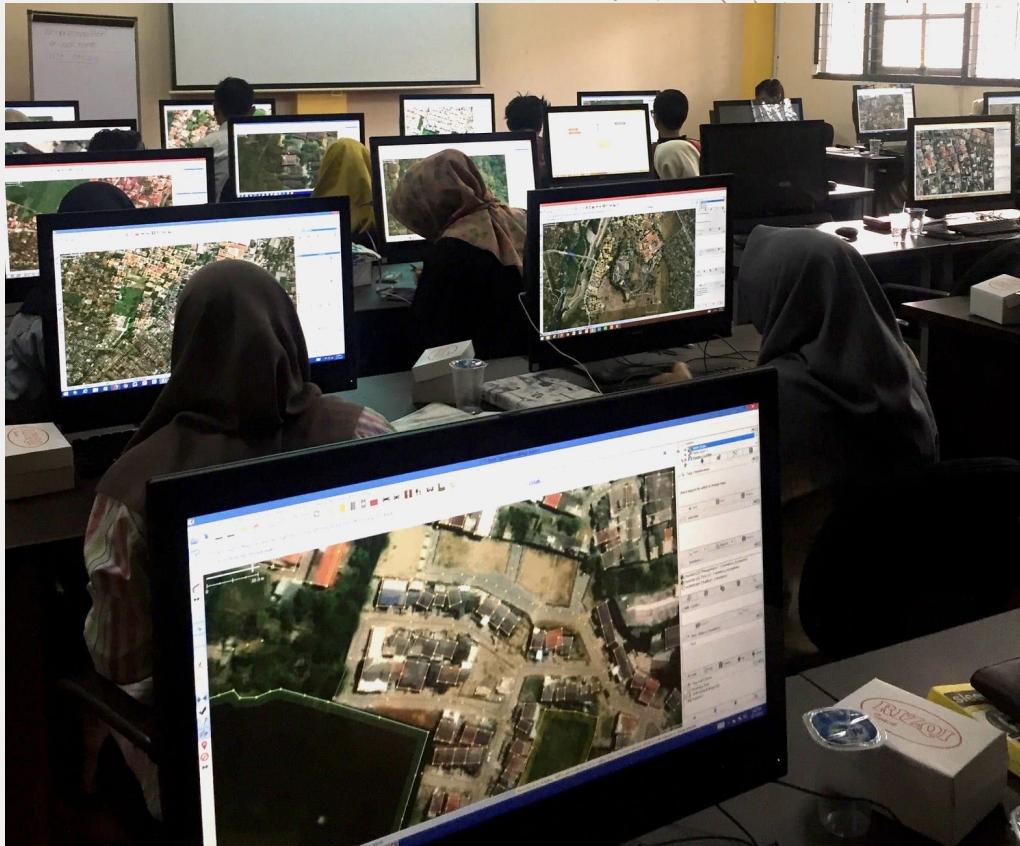
tasks.hotosm.org



Mapathons



Mapathons



Tacloban: OSM in disaster response

SMCompare Philippines

BEFORE

Leaflet | © map.fosm.org CC BY-SA 2.0

AFTER

Leaflet | Map Data & Map Image © OpenStreetMap Contributors. CC BY-SA 2.0

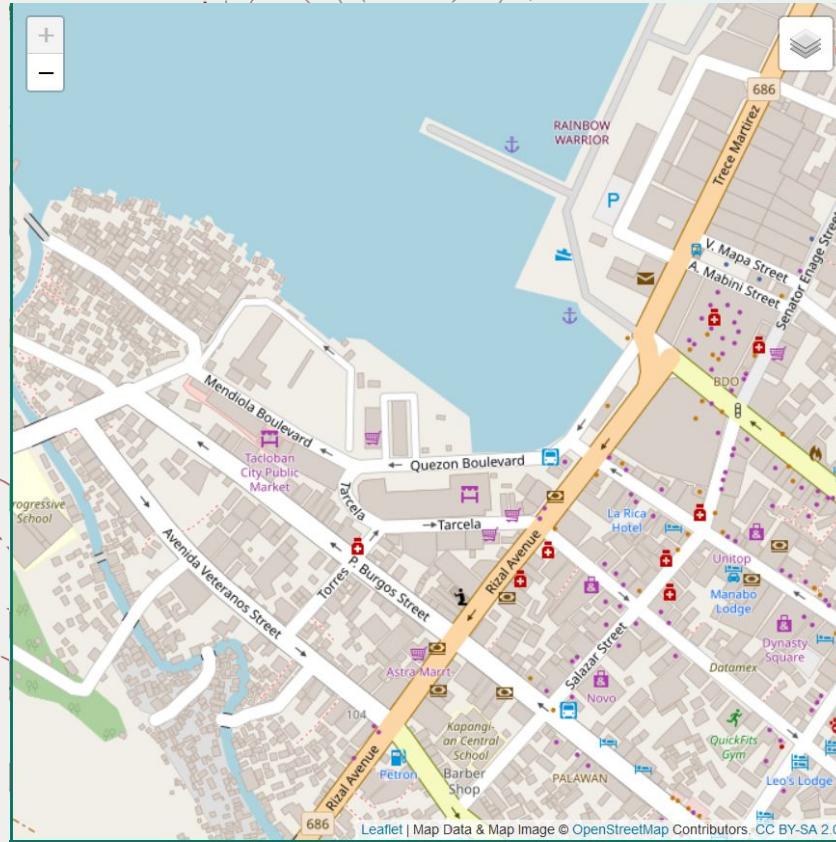
by pierzen



Tacloban: OSM in disaster response



IOM staff packing up OSM maps



Leaflet | Map Data & Map Image © OpenStreetMap Contributors CC BY-SA 2.0

Facebook: @HOTOSMPhilippines

Instagram: @hotosm.philippines

Twitter: HOTOSM_Ph

nick.brown@hotosm.org



We're HIRING!

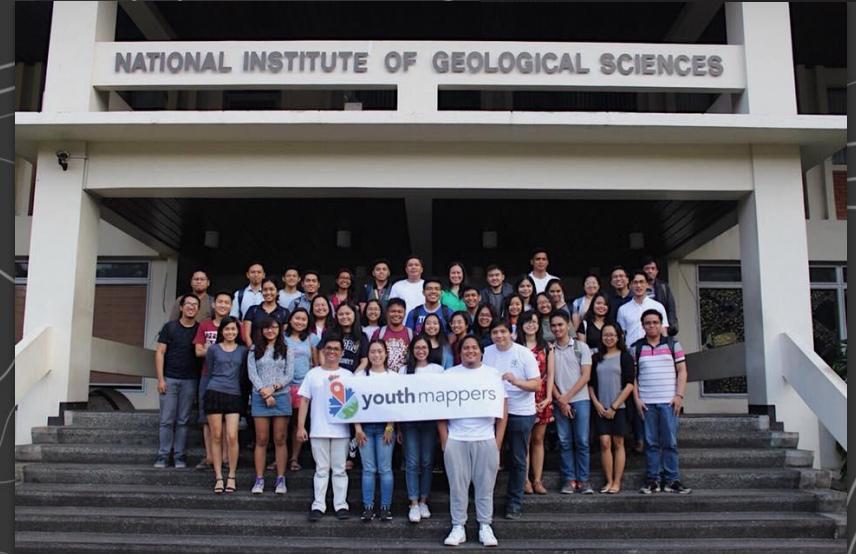
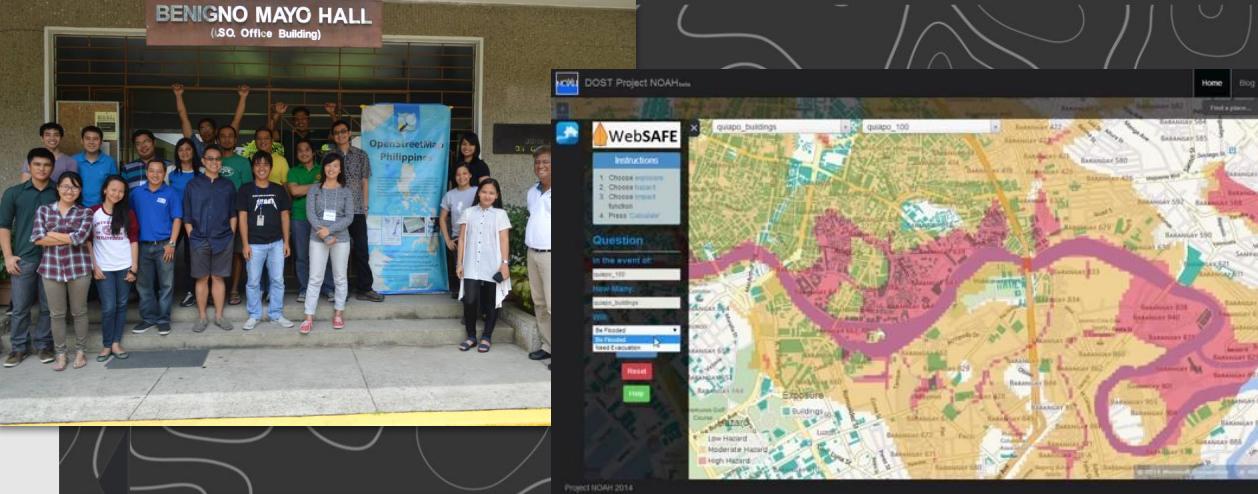


OSM Philippines

Established in 2009, OSM Philippines has contributed to OpenStreetMap through:

- Disaster **response** (assistance on Typhoon Yolanda, Mayon Volcano Eruption, Typhoon Maymay, etc.)
- Disaster **preparedness** (UP NOAH; WebSAFE & InaSAFE)
- Hosting **mapathons & trainings**
- Establishing **YouthMappers** Chapters
- **Collaborating** with other organizations

OSM Philippines have conducted several activities with HOT including **activation training** and **disaster response & preparedness mapping**.



InAWARE in Indonesia -> PhilAWARE



Mapping Results

SURABAYA



**643,933
BUILDINGS**



3 MONTHS



**+/- 3,000 KM
ROADS**



**4,417
INFRASTRUCTURES**



**31 SUB-DISTRICTS
154 VILLAGES**

DKI JAKARTA



**+/- 1,500,000
BUILDINGS**



5 MONTHS



**12,000 KM
ROADS**



**24,956
INFRASTRUCTURES**



**44 SUB-DISTRICTS
267 VILLAGES**

SEMARANG



**482,740
BUILDINGS**



4 MONTHS



**4,400 KM
ROADS**



**11,048
INFRASTRUCTURES**



**16 SUB-DISTRICTS
177 VILLAGES**



Primary Objective

To provide **standardized, accurate**, and **up-to-date** maps of key **lifeline infrastructure** and associated attributes in OSM.

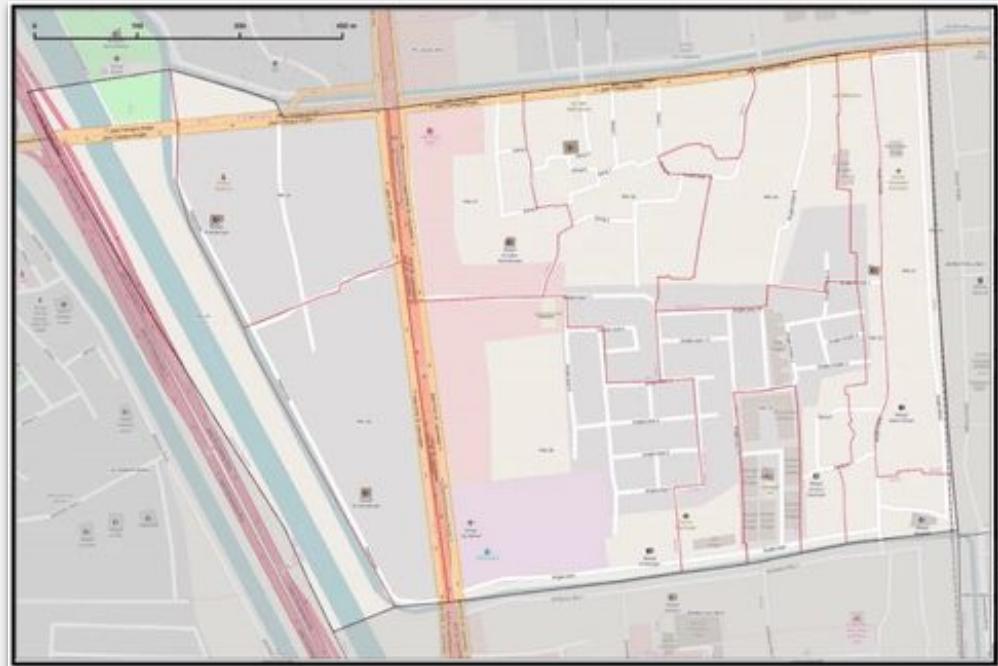
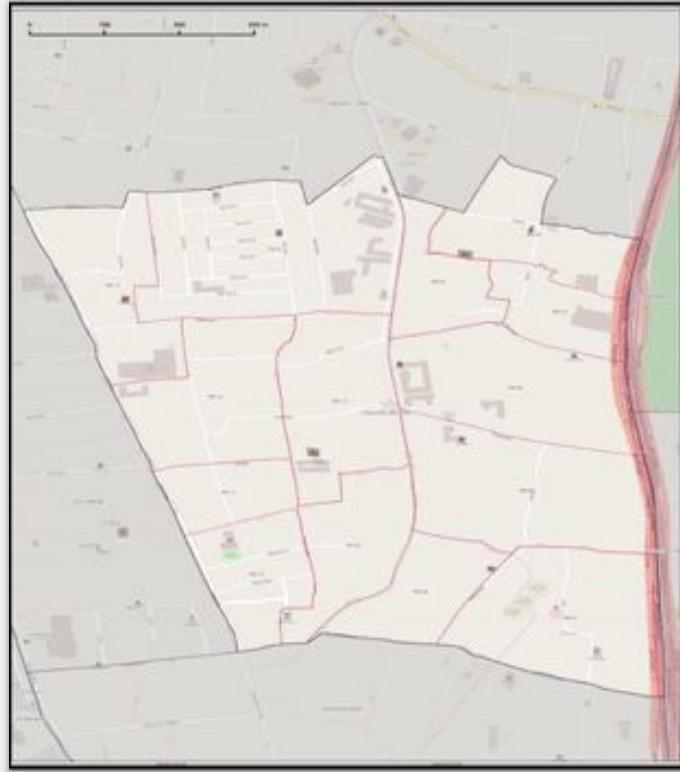
These maps highlight risk, exposure, and vulnerability of populations and infrastructure at the community level.



Secondary Objective

Strengthen and expand the OSM community while developing **sustainable maps and data** that can easily used and updated for development and DRR activities, both at the local and national level.

Indonesian Mapping Results



We're HIRING!



HOT

Facebook: @HOTOSMPhilippines

Instagram: @hotosm.philippines

Twitter: HOTOSM_Ph

nick.brown@hotosm.org



Philaware



InaSAFE 4.1.0

Show question form

InaSAFE

Analysis question

In the event of a Flood, how many Structures might be affected?

General report

Estimated number of buildings affected per hazard zone

Hazard Zone	Count
Wet	7,700
Dry	7,600
Total	85,500
Structures	Count
Affected	7,700
Not Affected	7,600
Not Exposed	70,300

Analysis detail

Estimated number of buildings by structure type

Structure type	Affected		Not affected		Total not exposed	Total
	Wet	Total affected	Dry	Total not affected		
Residential	6,500	6,500	6,200	6,200	65,100	77,700
Education	358	358	384	384	1,600	2,400

Help About Print ... Debug Run

Coordinate 106.7461,-6.0914 Scale 1:75 078 Rotation 0,0 Render EPSG:4326 (OTF)

Layers Panel Brower Panel

Manage parcels



InWARE
DisasterWARE™ 6.4.2 b216

UTC
05:52
JUL 2019

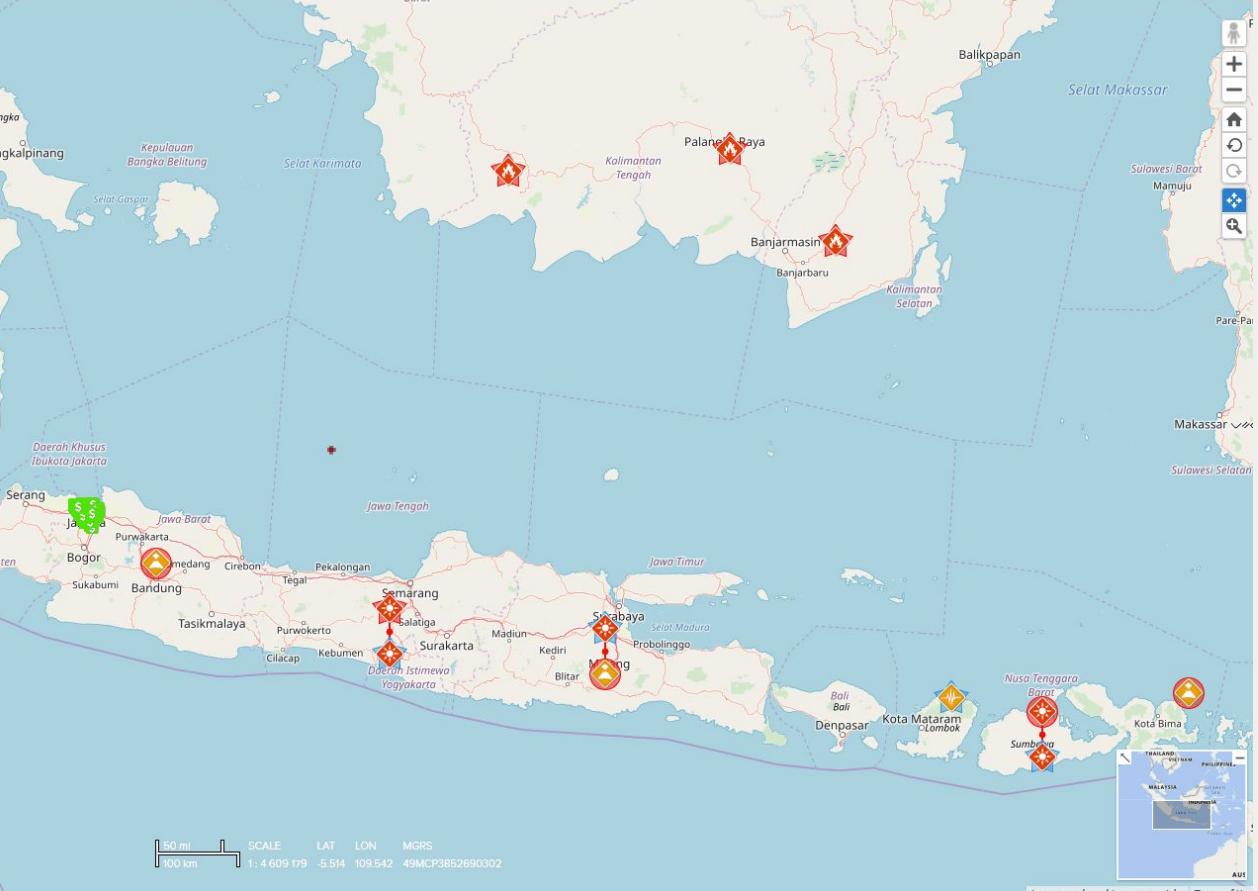
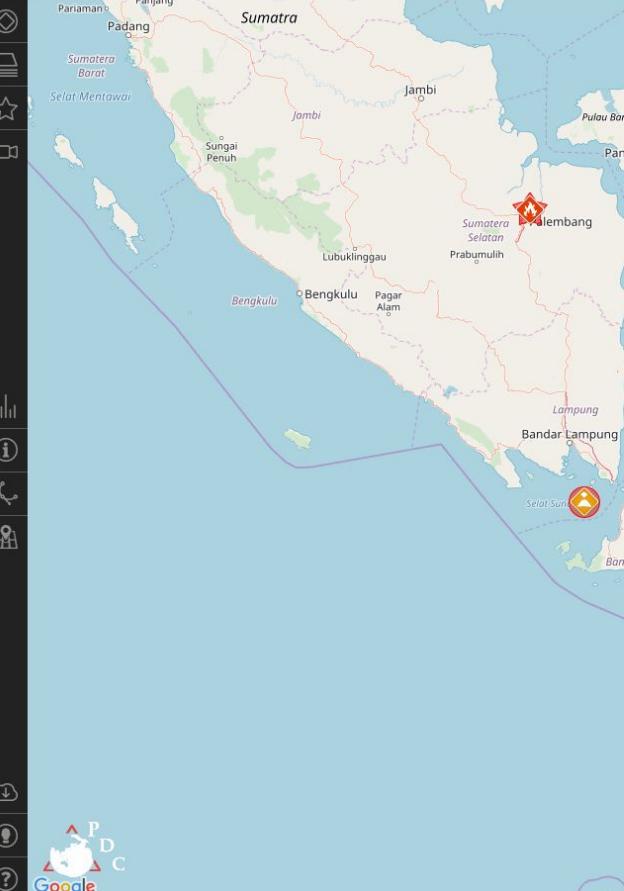
WASHINGTON
01:52
1 JUL 2019

HONOLULU
19:52
30 JUL 2019

TOKYO
14:52
31 JUL 2019

SYDNEY
15:52
31 JUL 2019

LONDON
06:52
31 JUL 2019



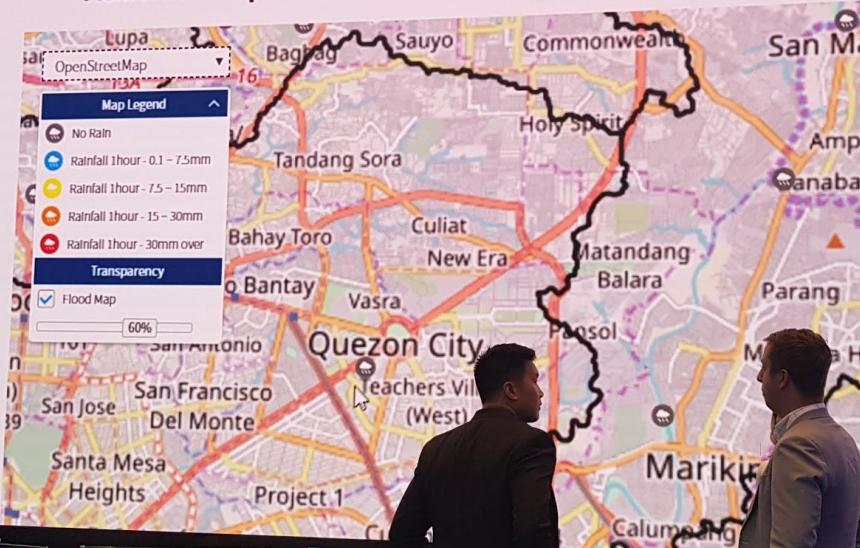
50 ml SCALE LAT LON MGRS
100 km 1: 4609 f79 -5.514 109.542 49MCP3852690302

Image may be subject to copyright



Metro Manila Flood Monitoring

Rainfall Map



Map Legend

- No Rain
- Rainfall 1 hour - 0.1 - 7.5mm
- Rainfall 1 hour - 7.5 - 15mm
- Rainfall 1 hour - 15 - 30mm
- Rainfall 1 hour - 30mm over

Transparency

- Flood Map
- 60%

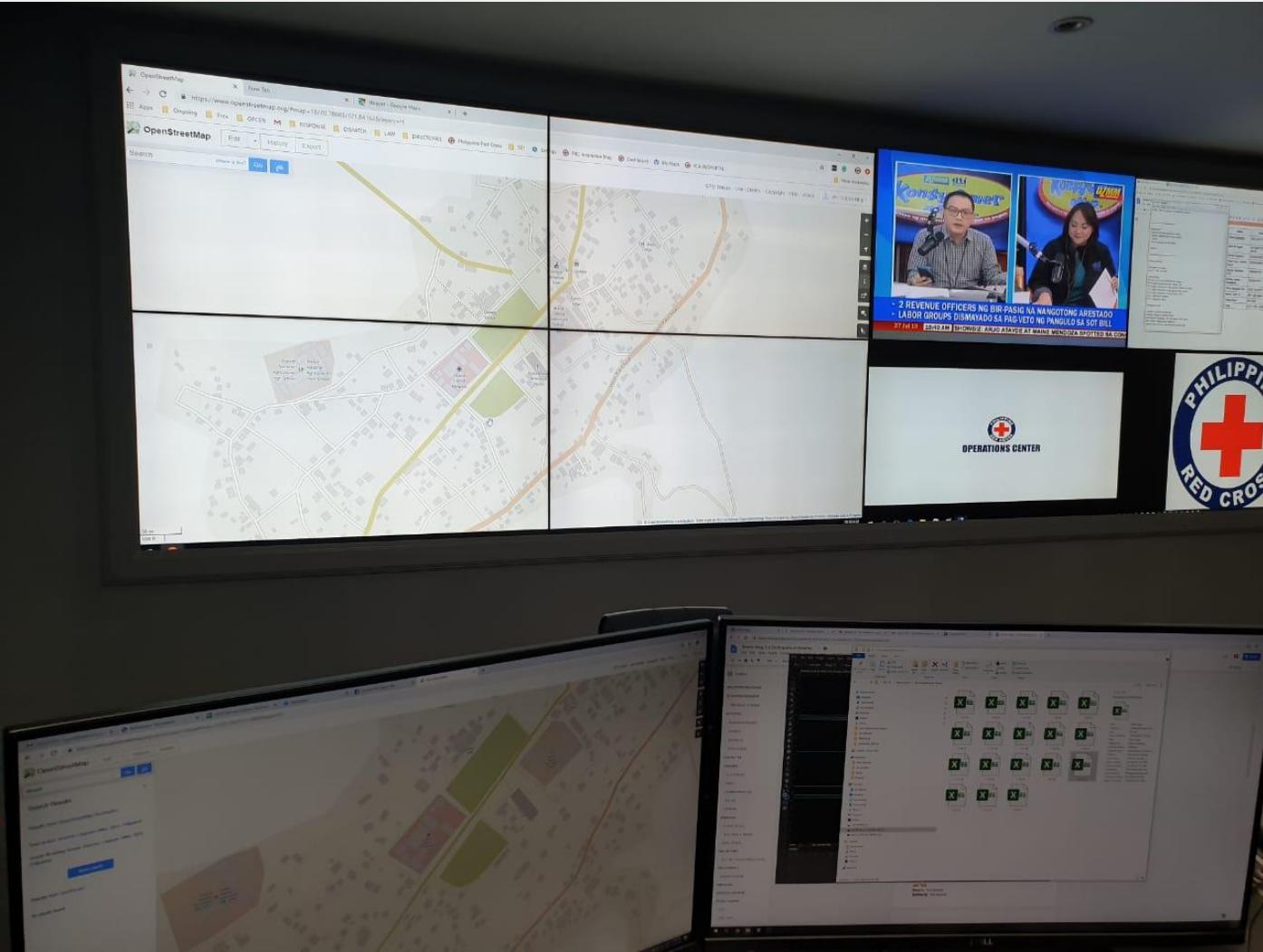
Station Color

PAGASA Station

Time : 2019-07-24 11:00

Station	RF [mm] 1 Hour
Airport (PAGASA)	0.0
Antipolo	0.0
Bagong Nayon	0.0
Boso Boso	0.0
Calawis	0.0
Guandanoville	0.0
Ko-Phil IT Center	0.0
La Mesa Dam	0.0
Macabud	0.0







HOT & PDC



Joint venture with the **Pacific Disaster Center (PDC)** to

- provide disaster management tools & data
- improve overall risk-assessment, early-warning and decision-making

We work to enhance capacity within national and provincial/municipal disaster management agencies to access automated international, regional, national, and local hazard information and supporting exposure data.

This information includes real-time crowdsourced data that will be shared between agencies, with alerts and warnings disseminated to the impacted communities.



We're HIRING!



HOT

Goal: Strengthen OSM Ph Community

Deputy Country Manager / PM

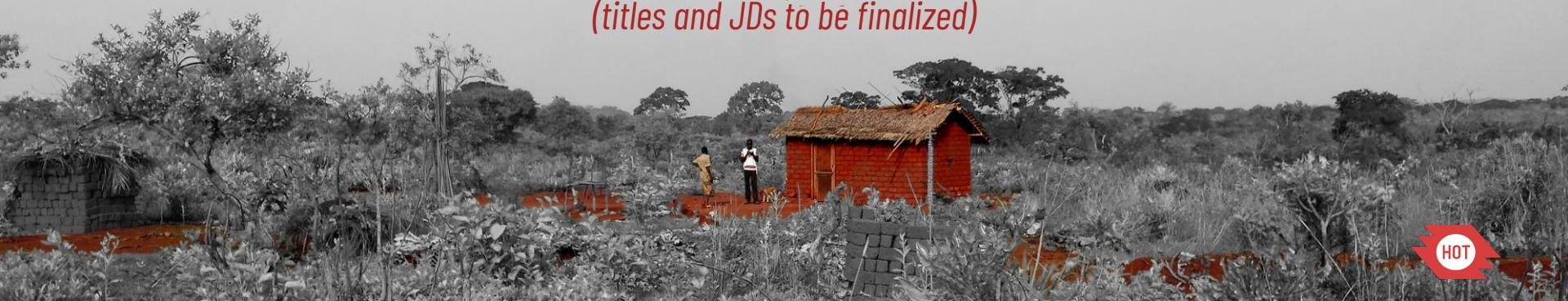
Technical Director (Strong OSM Tech)

Lead Trainer (Experienced OSM Trainer)

Community & Volunteer Manager

Finance & Admin

(titles and JDs to be finalized)



Goal: Strengthen OSM Ph Community

Volunteer Social Media Manager

Volunteer Trainers

nick.brown@otosm.org



HOT

Salamat Po!



Facebook: @HOTOSMPhilippines
Instagram: @hotosm.philippines
Twitter: HOTOSM_Ph

nick.brown@hotosm.org



Humanitarian
OpenStreetMap
Team

