Mapping an Entire Country:

Using OpenStreetMap to Collect Exposure Information in Indonesia

Kate Chapman

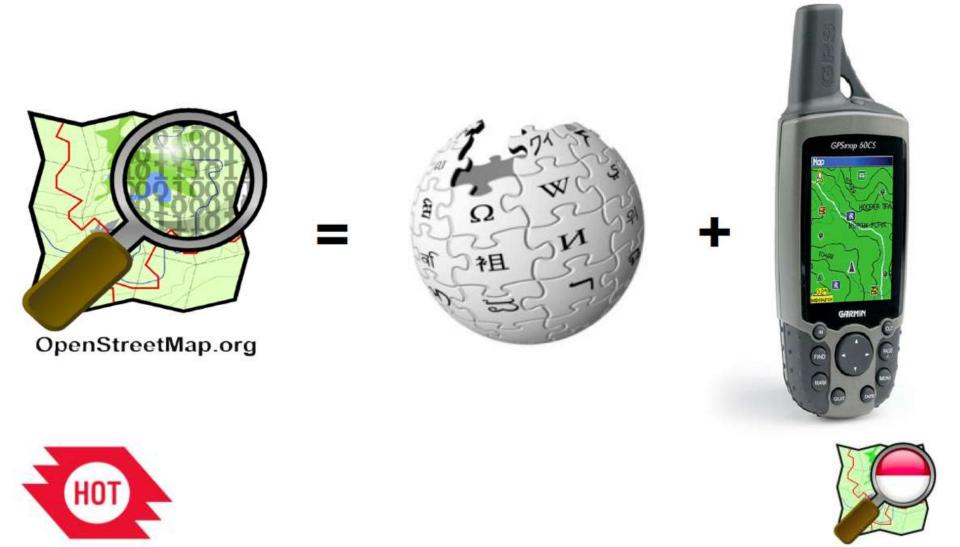
Humanitarian OpenStreetMap Team

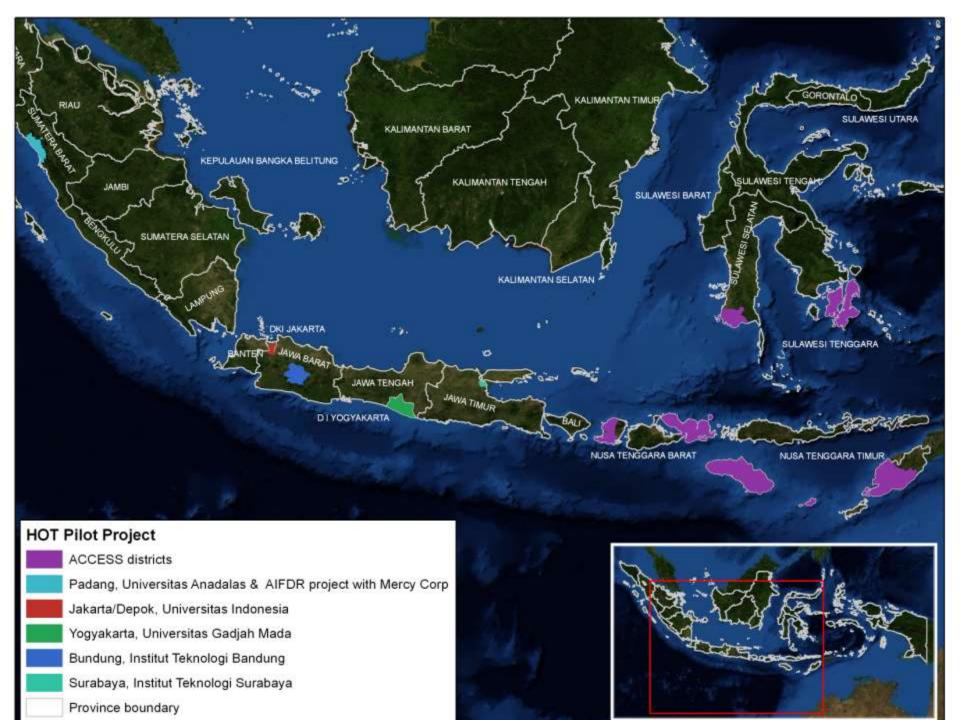
@wonderchook/@hotosm





What is OpenStreetMap?





What to Collect?

- Roof Type
- Wall Type
- Number of Stories
- Construction
- Building Usage







*Humanitarian OpenStreetMap (HOT)

*Badan Nasional untuk Penanggulangan Bencana (BNPB)

*Australia-Indonesia Facility *World Bank's Global Facility for for Disaster Reduction (AIFDR) Disaster Reduction and Recovery

PRESENT



(dua puluh dua juta rupiah) RAIH BEASISWA

untuk menghadiri 'State of the Map' (konferensi tahunan OpenStreetMap) dan FOSS4G (konferensi geospasial perangkat lunak bebas dan open source) Dalam persiapan kontes, masing-masing Universitas akan pada bulan September, 2011 di Denver, USA. diberikan pelatihan OpenStreetMap. Workshop ini akan mengajarkan metodologi untuk pengumpulan data dan informasi

ROADSHOW&WORKSHOP

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kompetisiOSM.org

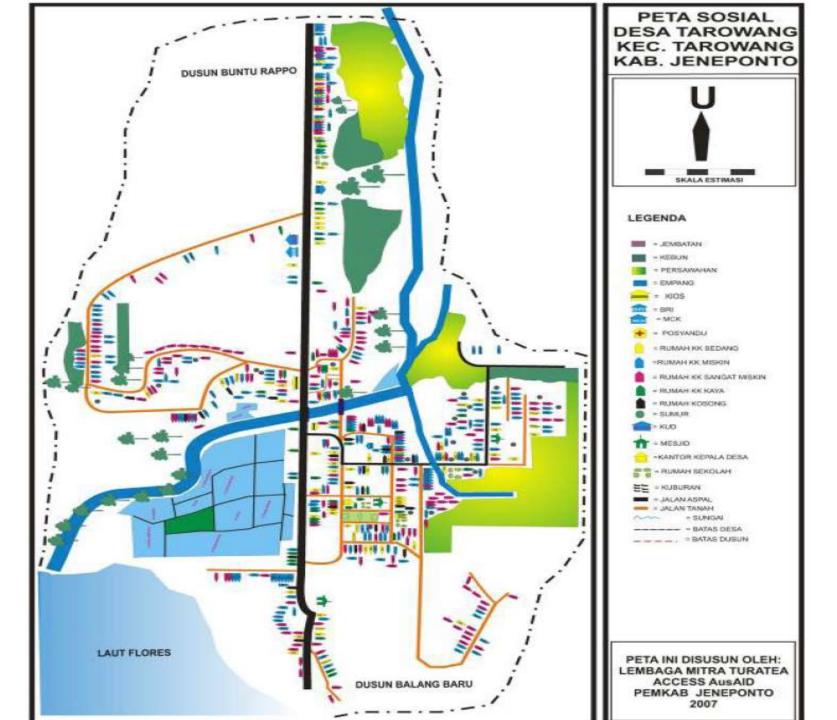




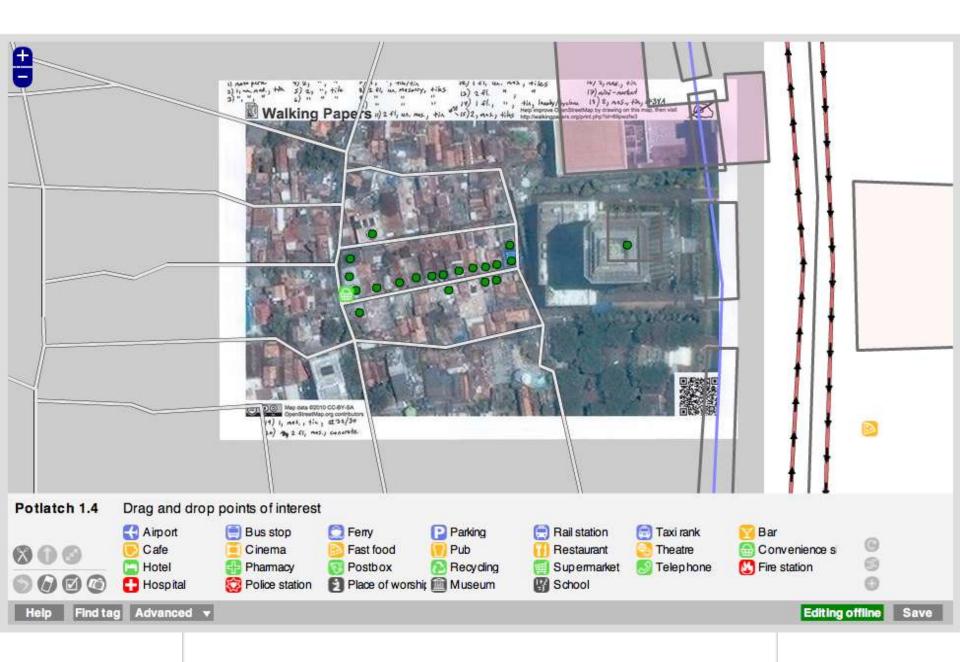


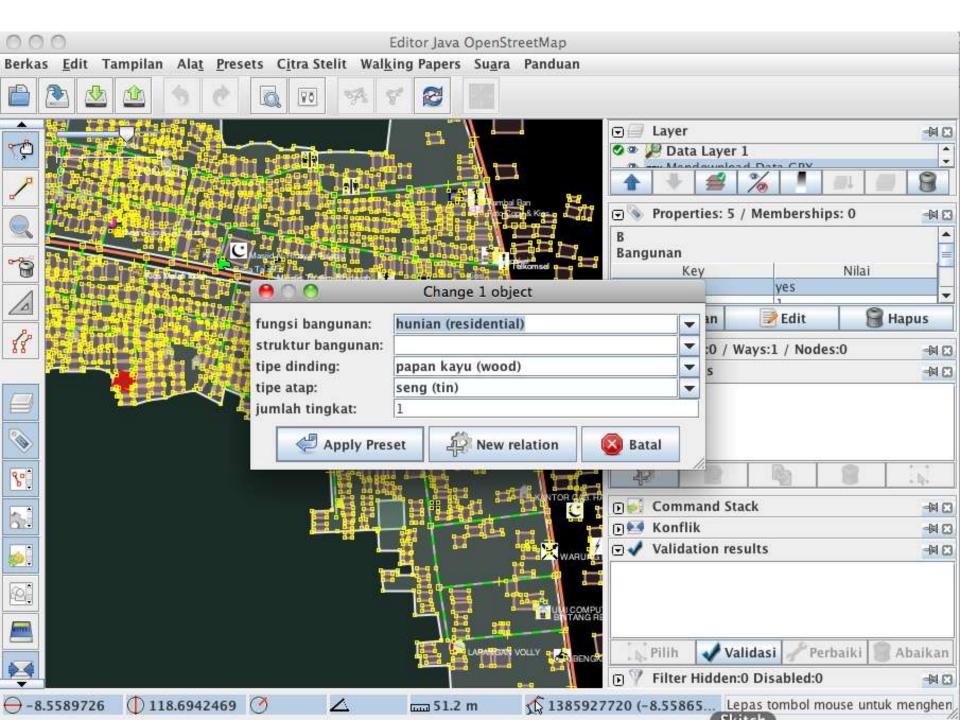
From Hand-drawn to Digital to Geographic











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Job: Imagery of Padang

What and Why?

HOT purchased imagery for Padang because only Landsat was available. We would like to digitize all the buildings in the areas as well as roads.

How?

Add tile service:

(In JOSM)

 trns:http://aerial.openstreetmap.or.id/padang/(zoom)/(x)/(y).png tms:http://aerial.openstreetmap.or.id/padang2/{zoom}/(x)/(y).pn

(In Potlatch)

- http://aerial.openstreetmap.or.id/padang/\$z/\$x/\$y.png http://aerial.openstreetmap.or.id/padang2/\$z/\$x/\$y.png
- 2. Trace all roads and buildings in the square assigned.

Ready?

Take a task

Or choose one by clicking on the map.

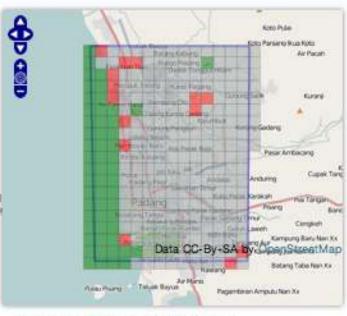
If you're an experienced mapper, you can also be given a task to validate.

Who else is working?

Contributors

- Tim McNamara
- Davidgogishvill
- wonderchook
- neuhausr /
- matubu * Котяра
- ukeli 4
- pgiraud 7
- prabhasp.
- migurski
- ywarren,
- heanof hicom 150
- skorasaurus
- Funky
- EdLoach

- Validators
- wonderchook 45
- maning
- Humberto_Yances
- poiraud."
- Zvenk 2
- rukeli
- MStorm



- III Total (275) III Done (69) III Validated (55)
- Curr, worked on (0)



National Disaster Management Agency (BNPB)
Regional Disaster Management Agency (BPBD)
United Nations Office for Coordination of Humanitarian Affairs
World Bank/ Global Facility for Disaster Risk Reduction
AusAID – Australia-Indonesia Facility for Disaster Reduction
Humanitarian OpenStreetMap Team



University of Indonesia











PEMERINTAH DAERAH DIJUKARTA

BADAN PENANGGULANGAN BENCANA DAERAH (BPBD)

Peta ini menggunakan data dari OpenStreetflap (www.openstreetmap.org), yang update dan dipertiahanui secara terbuka bersama-sama dengan melabetkan partisipasi perwakitan dari masing-masing keturahan di DKI Jakarta

KELURAHAN GLODOK

KECAMATAN TAMAN SARI JAKARTA BARAT



Proyeicsi	Spherical Mercatur
Datum	World Geodetic System 1984
Sumber Data	OpenStreetMap
Toward	4/59/2012

LEGENDA

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Tarriso Korist-Kansh	- Joton Province
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Martin Polici	- John Called
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Goreja	Persualizary
Storium Persadarin Numberon	Binganae
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Basin Hultur Worge (FMF)	Tempet Pemakamen Umara (1953)
ecalcon	Lation Planti
Bass	Lexinger
Blocks Air	

8.12

Didukung Oleh:





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288,826 buildings mapped so far! Up next 1,000,000, then...

Thanks!



