



Humanitarian OpenStreetMap Team

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State of the Map EU
15 July 2011



Humanitarian
OpenStreetMap
Team

hu·man·i·tar·i·an

- adjective */(h)yōō,mani'te(ə)rēən/*
 - Concerned with or seeking to promote human welfare
 - groups sending humanitarian aid
 - a humanitarian organization
- noun */(h)yōō,mani'te(ə)rēən/*
humanitarians, plural
 - A person who seeks to promote human welfare; a philanthropist

**we try to help
improve people's lives
by improving OSM**



**connection point
between
humanitarian and
open mapping
communities**

**advocate for
open mapping in
humanitarian
organizations**

**advocate for
humanitarian work in
the open mapping
community**

**collection and
organization of free
data sources**

**technology
development for
crisis response**

**remote data creation
during crisis**

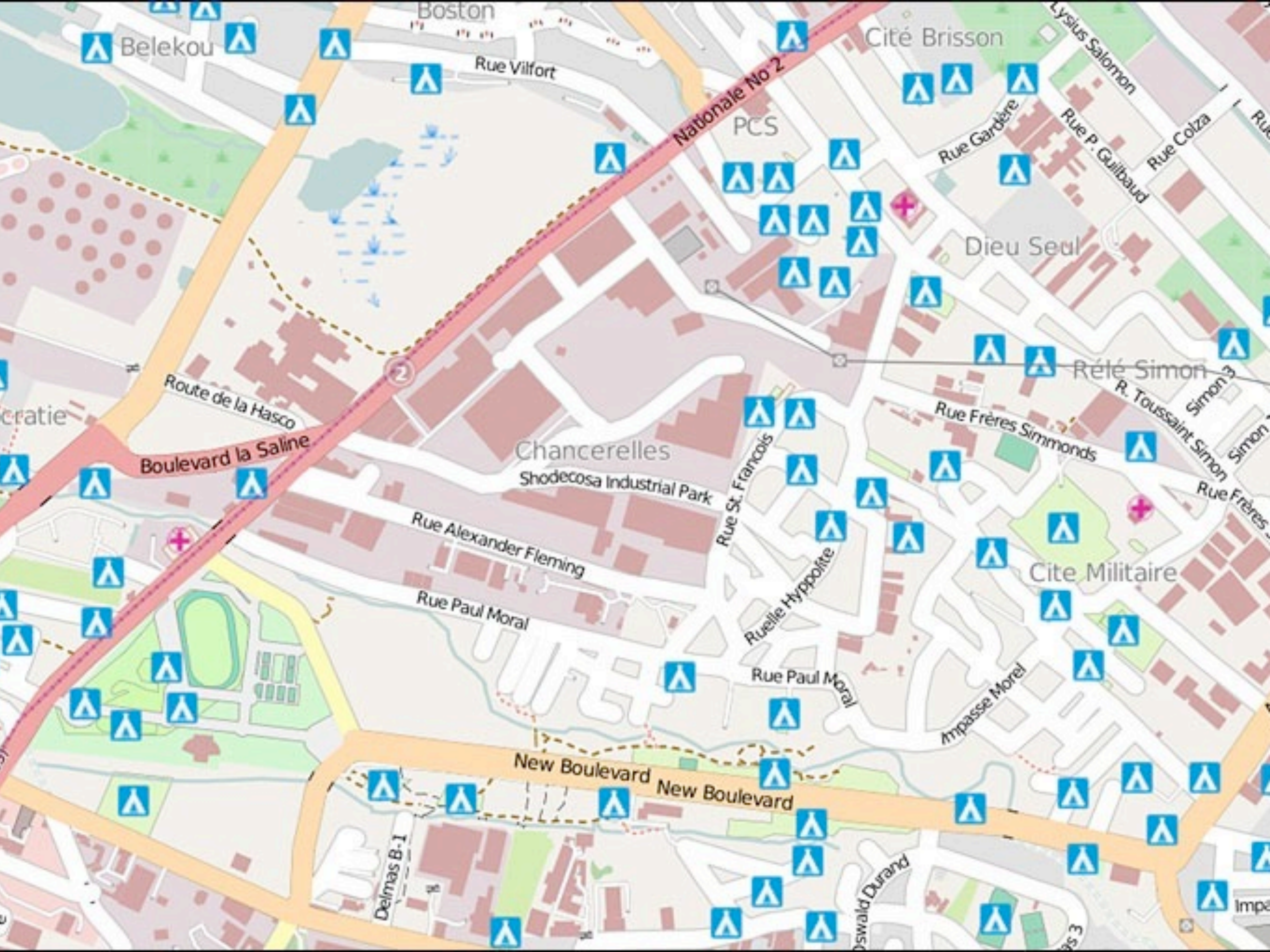
**capacity building
before/after crisis**

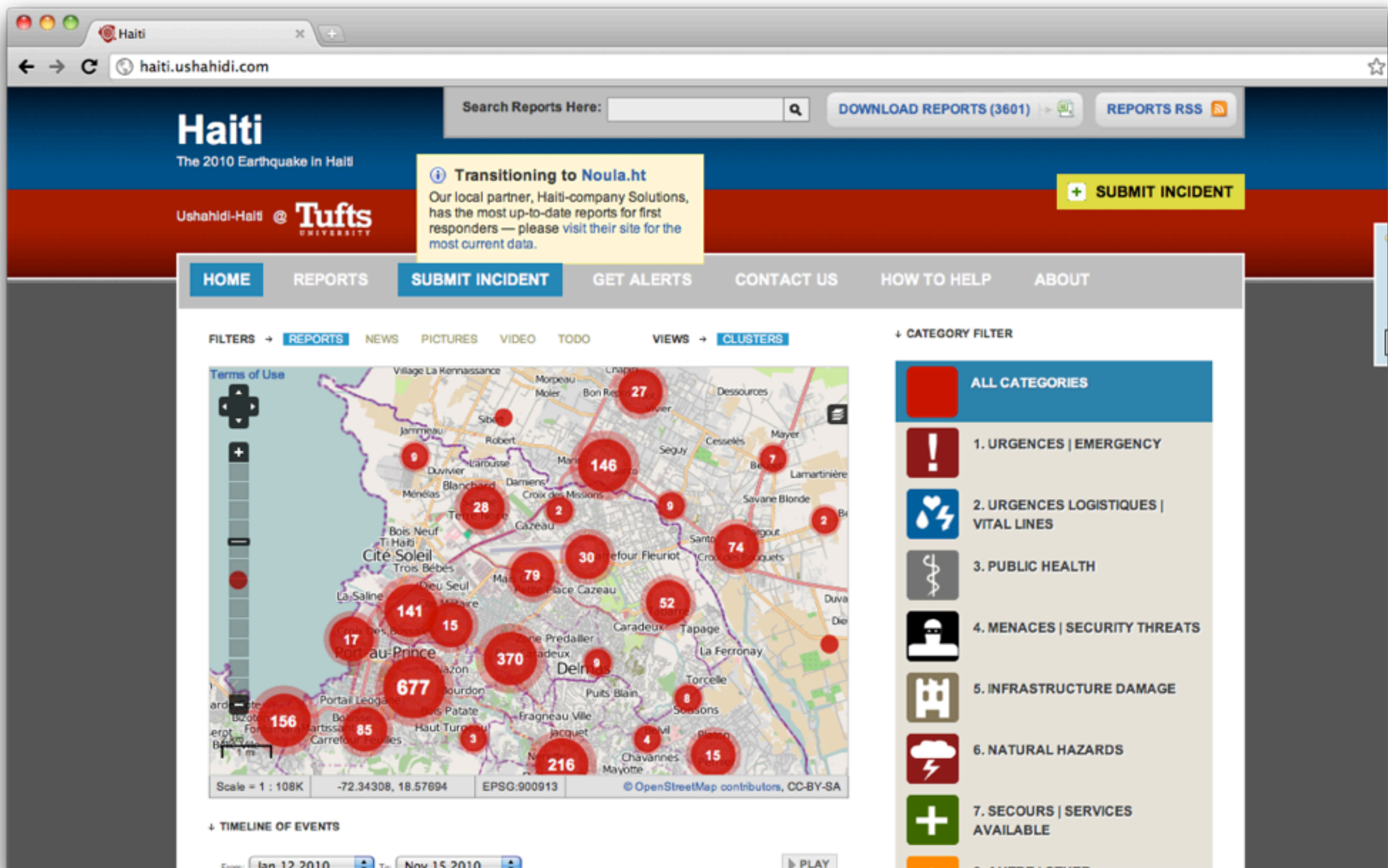


Haiti



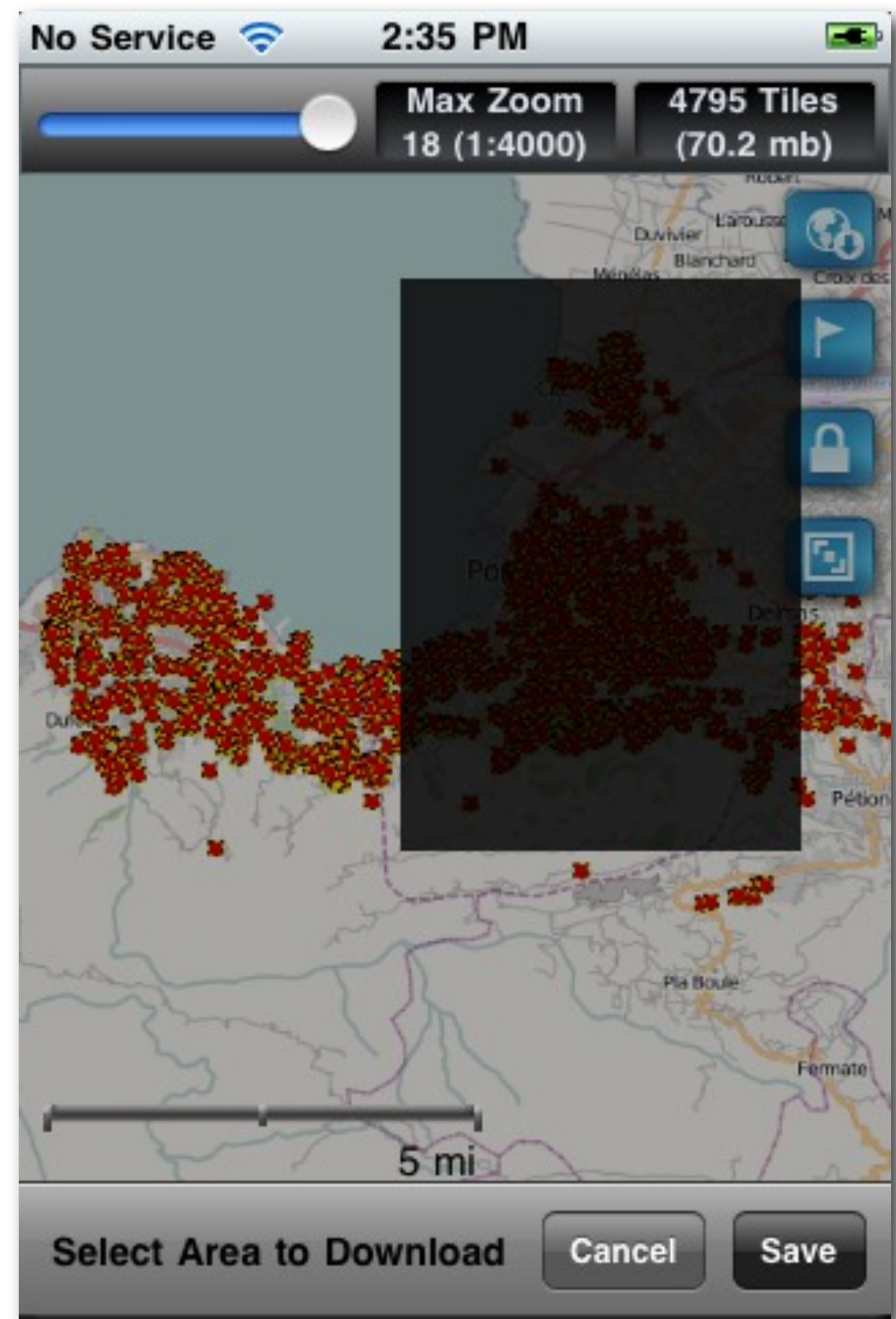
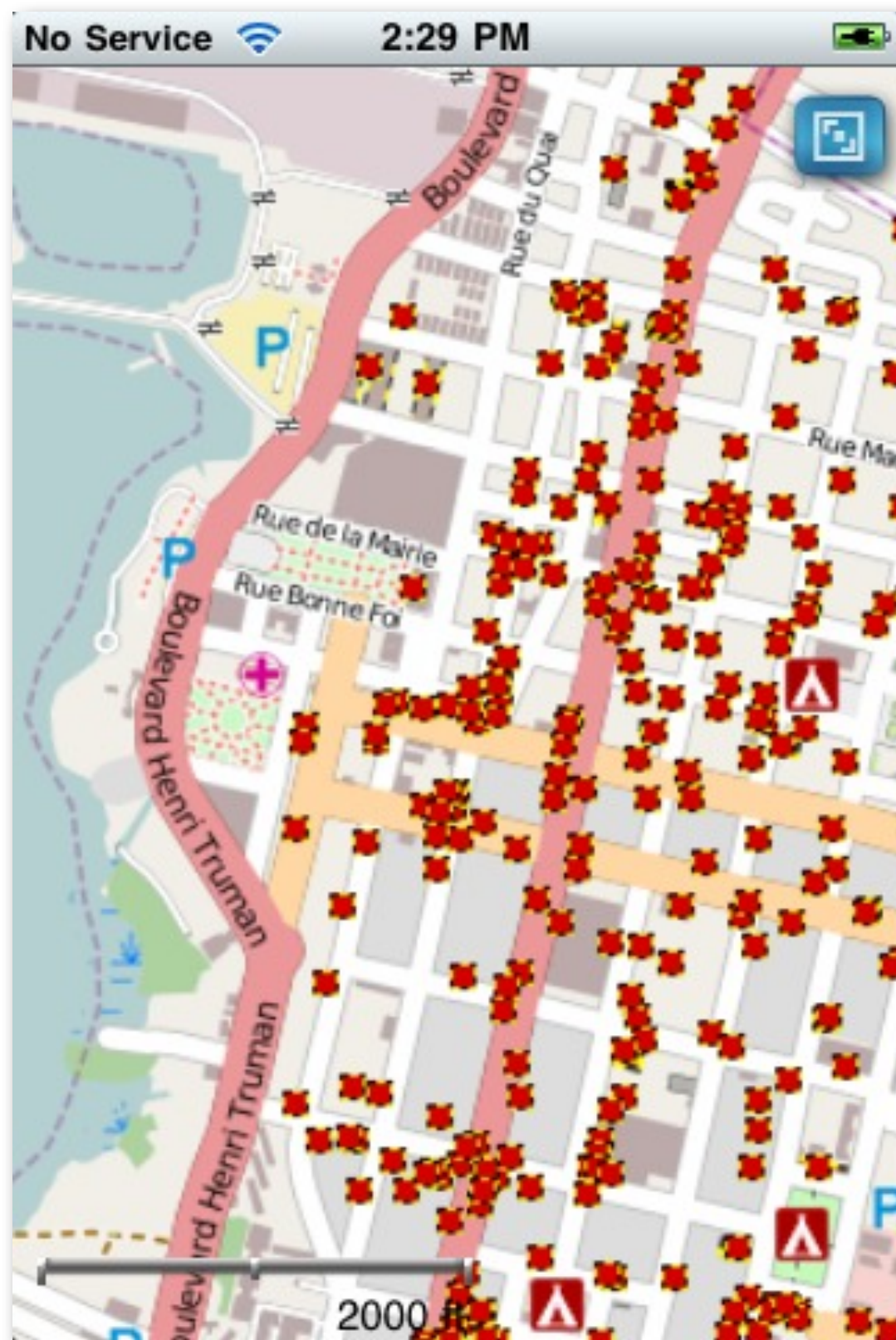








2010/01/22







MapAction

Haiti: Location of IDP Camps Mapped at 22nd Jan 2010

Map shows the locations of IDP camps which have been mapped on 22 Jan 2010.

Many camps still not been position due to vagaries of descriptive locational text

0 0.3 0.6 0.9 1.2
kilometres

Scale 1:25,000 at A3 size

Created 22 Jan 2010 / 2100
Document MA102_Haiti_IDP_21Jan_A3_v3
Projection / datum Geographic / WGS84
GLIDE Number EQ-2010-000009-HTI

The depiction and use of boundaries, names and associated data shown here do not imply endorsement or acceptance by MapAction.

- UN Organisations
- ▲ Camps located by government
- ▲ Camps located by ground assessment 20th Jan

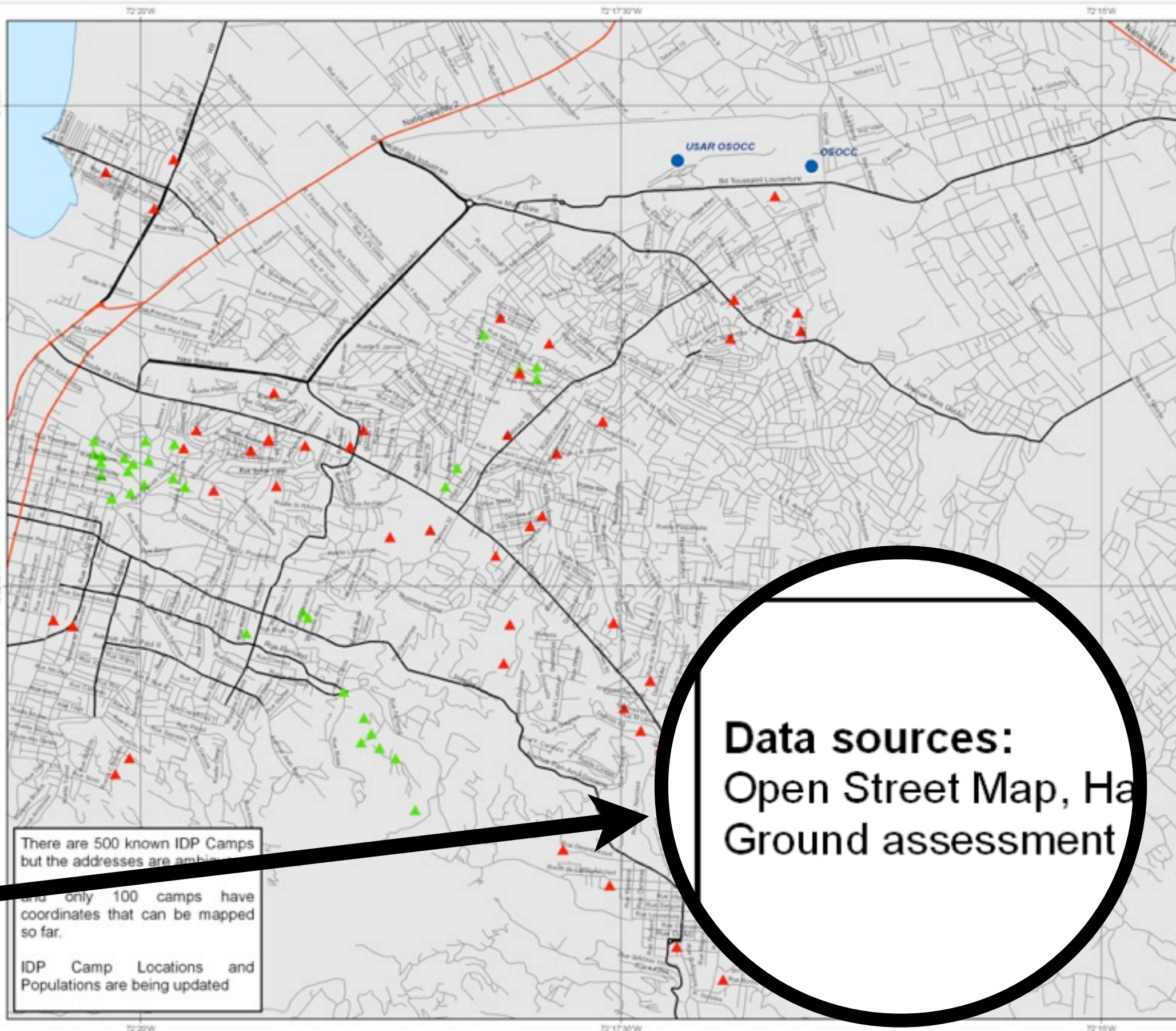
Roads

- Primary
- Secondary
- Departement

Data sources:
Open Street Map, Haiti Government, CL
Ground assessment motorcycle teams, OSOCC

Produced by MapAction www.mapaction.org

MapAction is grateful for the support of DFID



There are 500 known IDP Camps but the addresses are ambiguous and only 100 camps have coordinates that can be mapped so far.

IDP Camp Locations and Populations are being updated

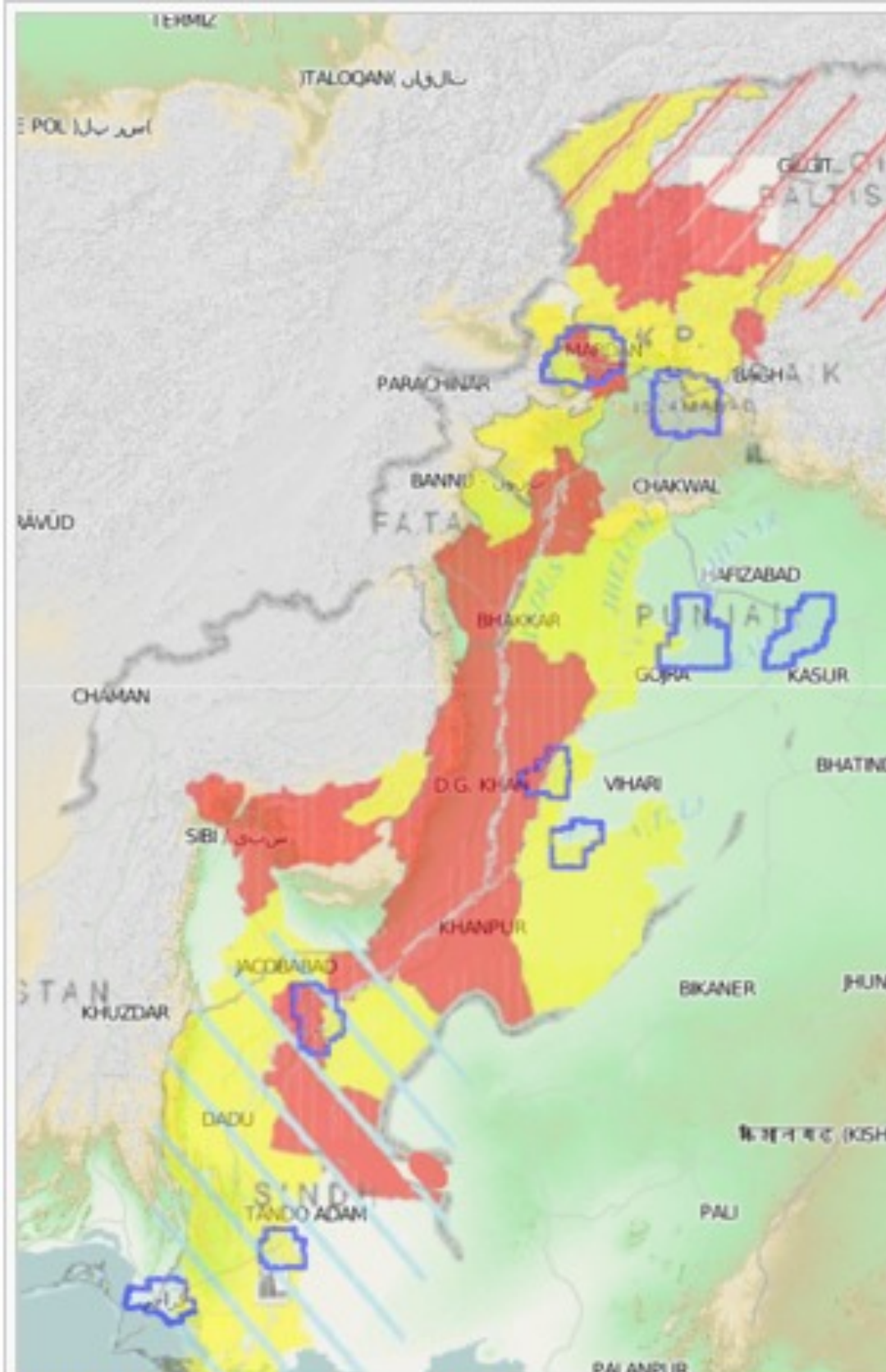
Data sources:
Open Street Map, Haiti
Ground assessment

**“Without a doubt,
OpenStreetMap has
helped to save lives.”**



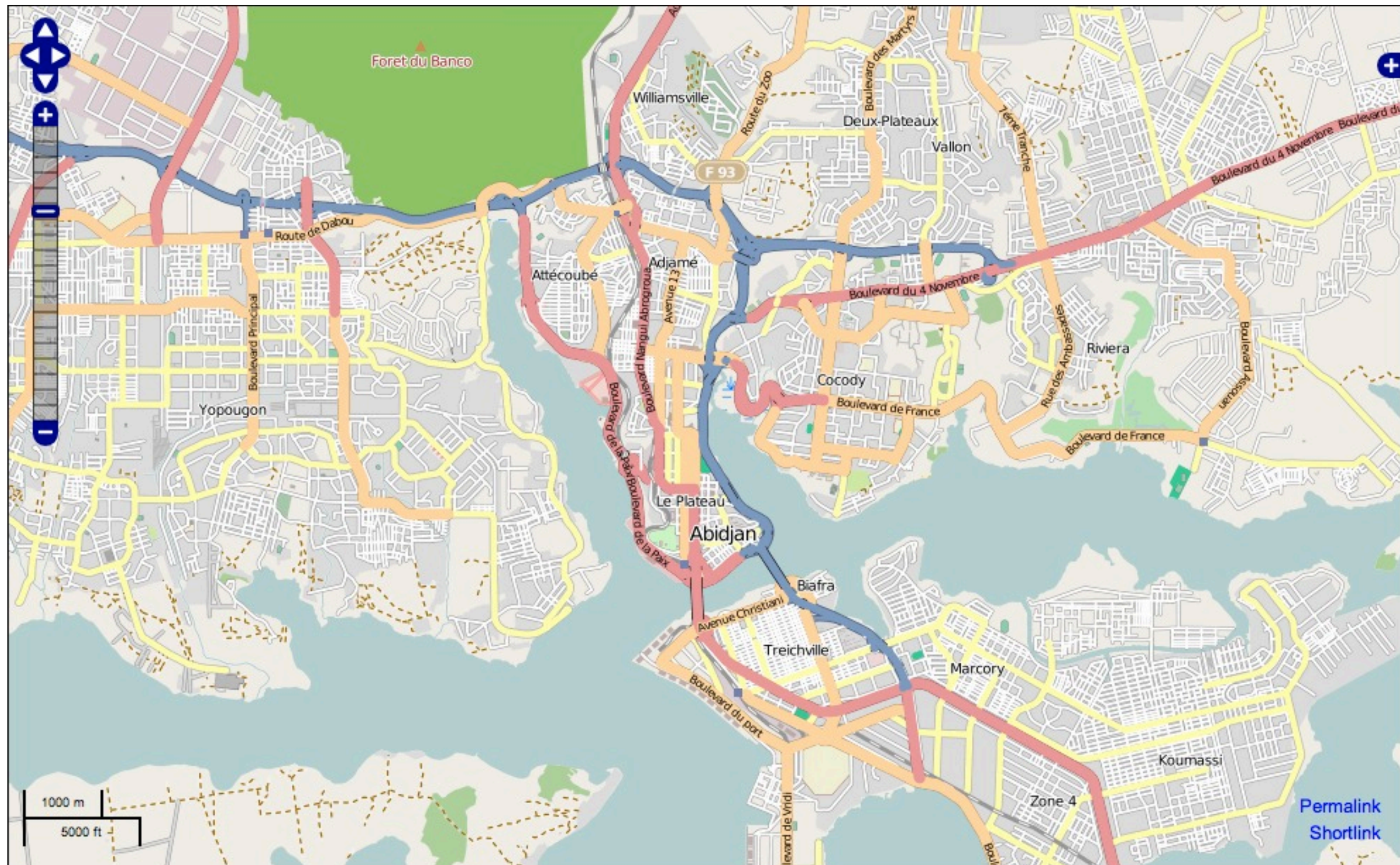
Comunite OpenStreetMap de Haiti (COSMHA)

Pakistan

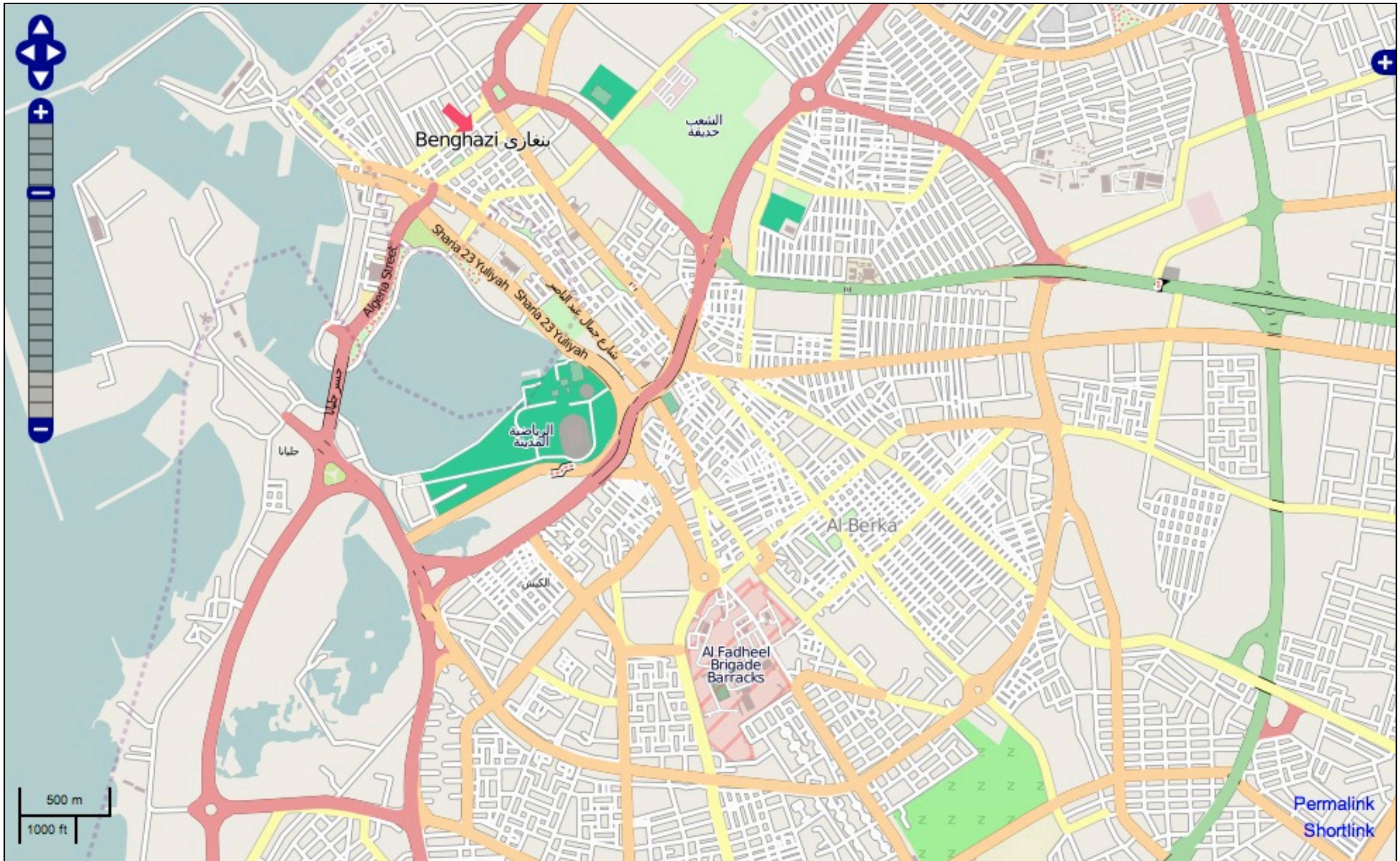


[Reliefweb](#) [provide](#) some of the best overview maps of [where the affected regions are](#). This one shows Red and Yellow areas for "moderate" and "severe" affected regions. [download PDF](#) [Also overlaid with Yahoo imagery coverage regions](#). See [/Mapping Coordination](#) and [/Imagery and data sources](#).

Côte d'Ivoire



Libya



Benghazi بنغازي

المنطقة
الشمالية

Algeria Street

Sharia 23 Yuliyah

شارع جمال عبد الناصر
Sharia 23 Yuliyah

الرياضة
المدينة

طابا

Al Berka

Al Fadheel
Brigade
Barracks

الكش

[Permalink](#)
[Shortlink](#)

500 m
1000 ft

Libya Crisis Map

SEARCH



OCHA

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BIG MAP

REPORTS

GET ALERTS

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⚠ The LibyaCrisisMap platform was activated by the request of the Office for the Coordination of Humanitarian Affairs (OCHA) to the Standby Task Force (SBTF). The platform was fully handed over to OCHA supervision in April 2011, and continued to be supported by a team of volunteers until June 4th of 2011.

The platform is not currently accepting new reports, but the data will remain available for a couple of months.

Click on map icons to see local reports



↓ CATEGORY FILTER [HIDE]

☒ All Categories

☐ Internal :: Sources

☐ Events :: Armed Confrontations

☐ Events :: Attacks on Protected Persons

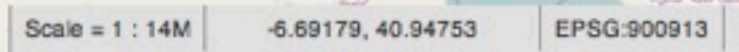
☐ Events :: Attacks on Protected Objects

☐ Events :: Explosive Remnants of War

☐ Needs

☐ Response

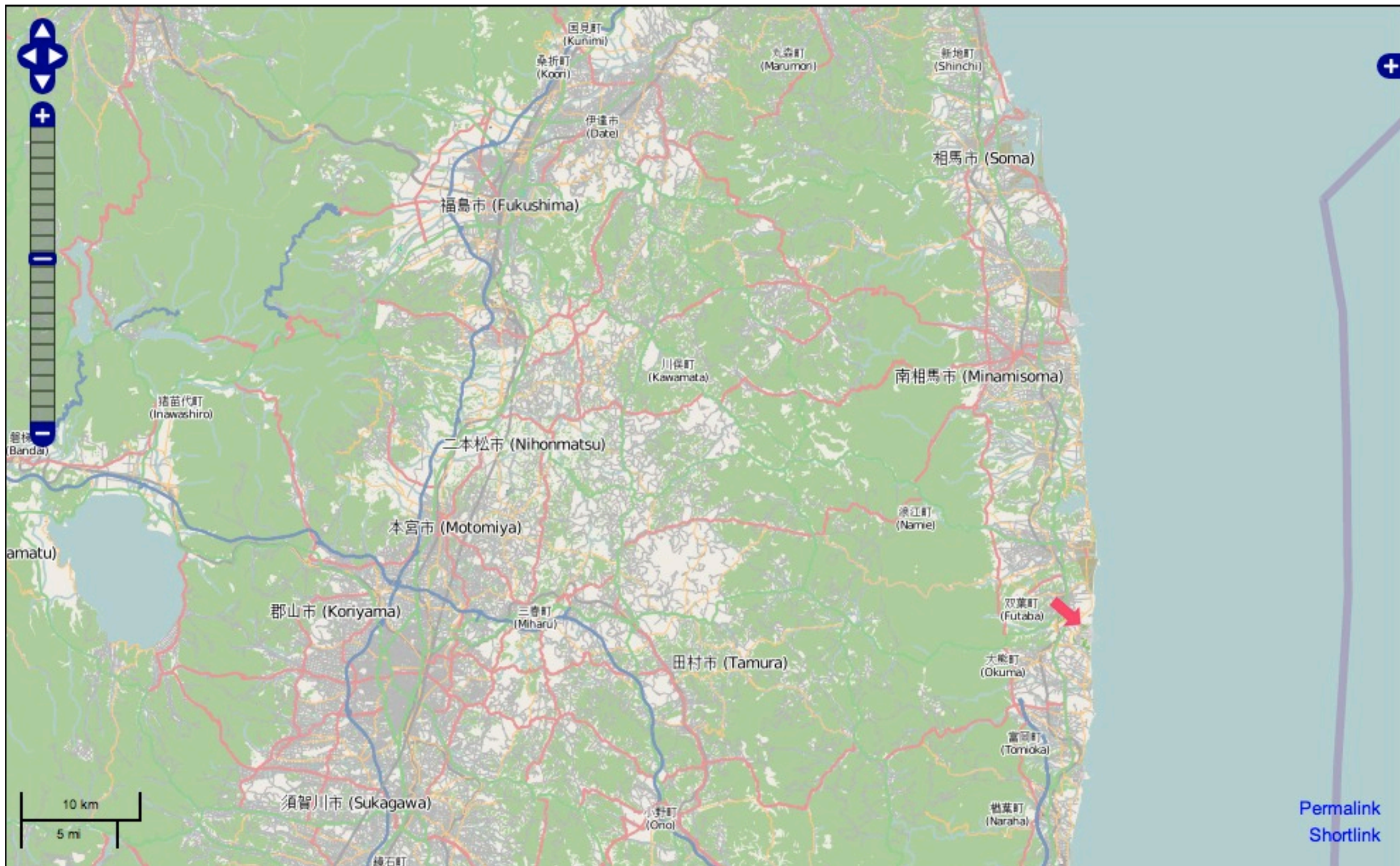
☐ Events :: Mass



The security and ethics of live mapping in repressive regimes and hostile environments [↗](#)

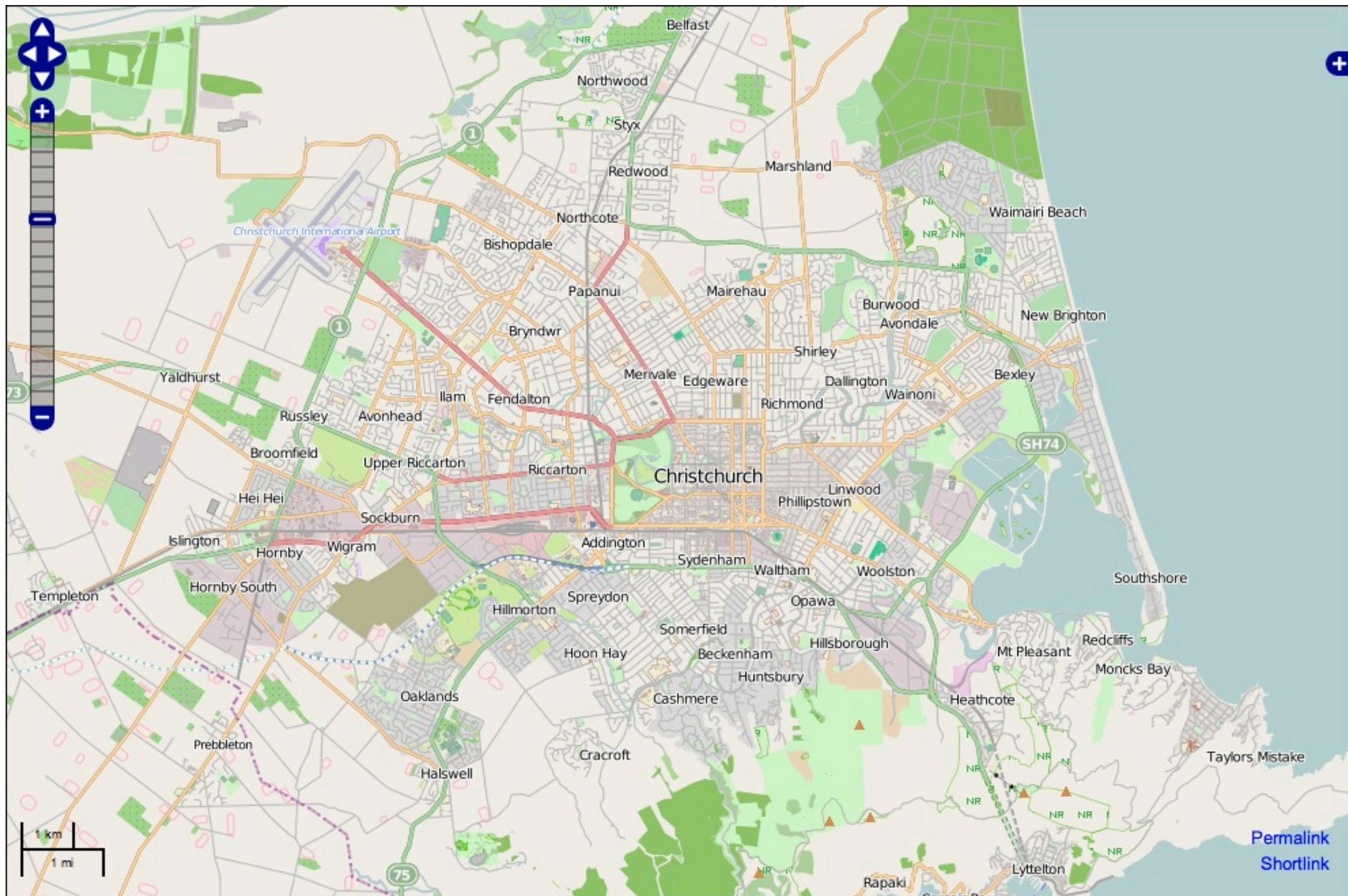
- Please do take the time to [READ THIS FIRST](#) [↗](#) if you are in a "non-free" country, including for example some parts of Libya. People have been arrested in Tripoli, for example, in connexion with their activities on the Internet. Note that this wiki is also available through [mixed content https](#) [🔒](#) - see [\[3\]](#) [🔒](#) for a description of associated risk. OSM admins have also lifted the anti-wiki-spam block on exit Tor nodes, in consideration of this crisis, so you should be able to access OSM through the [Tor network](#) [🔒](#). HOWEVER this offers no security warranty, so if you are in Libya, and feel it is really necessary, please only send information to OSM through email, as explained in the following document.
- There have been independent reports that some hospitals were specifically targeted, and wounded there killed. *Existing* hospitals are widely known, so there is no risk to mapping them in OSM. Newly established field hospitals may not be, so we are in discussion with responding partners on process with this kind of sensitive information. Further discussion in this document: "Security Concerns for Libya Crisis Map" ([File:Security Concerns for Libya Crisis Map.pdf](#))

Japan



[Permalink](#)
[Shortlink](#)

New Zealand



Indonesia

*Humanitarian OpenStreetMap (HOT) *Badan Nasional untuk Penanggulangan Bencana (BNPB)
*Australia-Indonesia Facility for Disaster Reduction (AIFDR) *World Bank's Global Facility for Disaster Reduction and Recovery

P R E S E N T



openstreetmap

mapping competition

RAIH BEASISWA
SENILAI **RP 22.000.000,-**
(dua puluh dua juta rupiah)

untuk menghadiri 'State of the Map' (konferensi tahunan OpenStreetMap) dan FOSS4G (konferensi geospasial perangkat lunak bebas dan open source) pada bulan September, 2011 di Denver, USA.

Dalam persiapan kontes, masing-masing Universitas akan diberikan pelatihan OpenStreetMap. Workshop ini akan mengajarkan metodologi untuk pengumpulan data dan informasi kompetisi lebih lanjut.

ROADSHOW&WORKSHOP

27 JUNI 2011
DEPARTEMEN GEOGRAFI
UNIVERSITAS INDONESIA
CP: Adi Wibowo, S.Si, M.Si
adi.w@ui.ac.id

JURUSAN TEKNIK SIPIL
INSTITUT TEKNOLOGI SEPULUH NOVENBER
CP: Putu Artama Wiguna, Ir., MT, PhD.
ce@its.ac.id

28 JUNI 2011
FAKULTAS TEKNIK SIPIL & LINGKUNGAN
INSITUT TEKNOLOGI BANDUNG
CP: Dr. Ir. I Wayan Sengara, MSEM, MSCE
iws@si.itb.ac.id

05 JULI 2011
DEPARTEMEN TEKNIK GEODESI
UNIVERSITAS GADJAH MADA
CP: Trias Aditya K. M.
takmid@gmail.com

06 JULI 2011
JURUSAN TEKNIK SIPIL
UNIVERSITAS ANDALAS
CP: Dr. Fauzan Msc.
Fauzan@ft.unand.ac.id

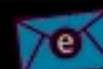
DIMOHON UNTUK MEMBAWA LAPTOP MASING-MASING PADA SAAT WORKSHOP!



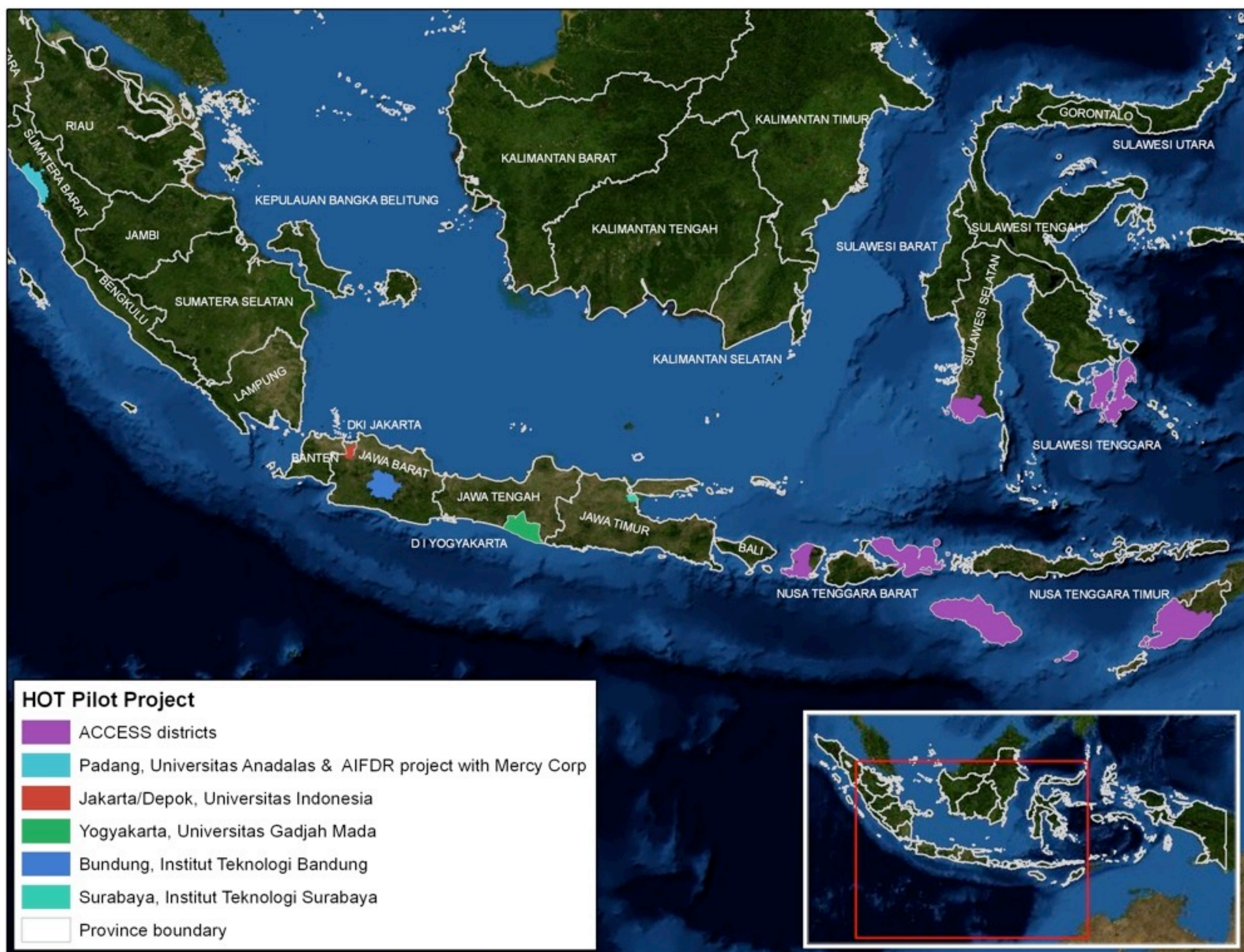
@OSM_ID



Open Street Map
Mapping Competition



Emir (emir.hartato@gmail.com)
Vasanthi (va.santhi@yahoo.com)



THE FUTURE

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Cote d'Ivoire, April 2011

- [Cote d'Ivoire Map](#)
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Libya, March 2011

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Japan, March 2011

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Support MapAction

MapAction does not benefit from the major public disaster appeals. Your donation will help to maintain this vital

CURRENT AND RECENT DEPLOYMENTS

Libya, March 2011

Japan, March 2011

Cote d'Ivoire, April 2011

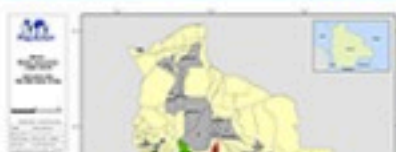
WELCOME TO MAPACTION

In a humanitarian crisis, relief agencies need rapid answers to questions about 'where'. Where are the greatest needs? Where are the gaps that need to be filled?

MapAction works in disaster zones providing frequently updated situation maps showing where relief help is most urgently needed.



MAP CATALOGUE



Here disaster relief agencies can access free of charge maps from all current and previous MapAction deployments.

LATEST NEWS

Support team expanding



LITTLE MISSENDEN, 1 Jun - MapAction is seeking more volunteers to expand its capacity. The charity...

[Read more...](#)

Boosting disaster preparedness in Southern Africa



BOTSWANA, 27 May - MapAction used a regional intergovernmental meeting as a means to kick off an...

[Read more...](#)

Historic cycle route for MapAction supporters



UK, 14 May - Twenty MapAction volunteers, friends and supporters are cycling between the Paris and...

[Read more...](#)

MapAction deploys to Cote d'Ivoire



COTE D'IVOIRE, 11 Apr - Two MapAction team members are en route to Bouake in central Cote...

[Read more...](#)

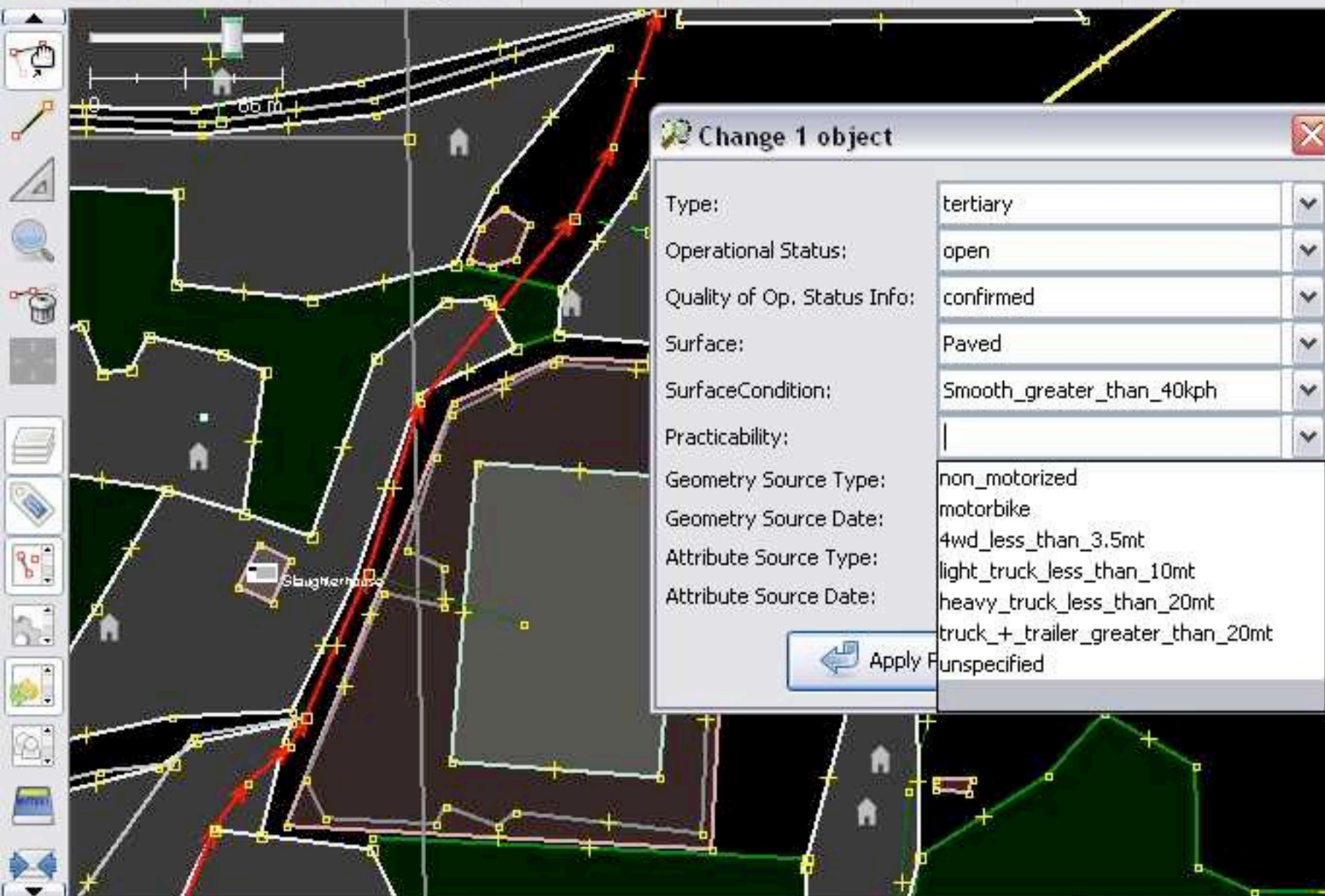
MapAction sends team to Japanese disaster



TOKYO, 14 Mar - MapAction has responded to a request to help in response to the earthquake and...

[Read more...](#)

More News



Change 1 object

Type:	tertiary
Operational Status:	open
Quality of Op. Status Info:	confirmed
Surface:	Paved
SurfaceCondition:	Smooth_greater_than_40kph
Practicability:	
Geometry Source Type:	non_motorized
Geometry Source Date:	motorbike
Attribute Source Type:	4wd_less_than_3.5mt
Attribute Source Date:	light_truck_less_than_10mt
	heavy_truck_less_than_20mt
	truck+_trailer_greater_than_20mt

Apply Unspecified

Layers

- jacmel.osm
- Validation errors

↑ ↓ ↶ ↷ ↸ ↹ ↺ ↻

Properties: 4 / Memberships: 0

Highways/Streets/Unclassified

Key	Value
highway	unclassified
name	Blockhaus
name:source	MINUSTAH GIS and UN Cart...

+ Add Edit Delete

Sel.: Rel.:0 / Ways:1 / Nodes:0

Blockhaus (25 nodes)

Select Search

Command Stack



IMAGERY

WE CAN HAS IT?



INTERNATIONAL CHARTER SPACE AND MAJOR DISASTERS

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The International Charter The International Charter aims at providing a unified system of space data acquisition and delivery to those affected by natural or man-made disasters through Authorized Users. Each member agency has committed resources to support the provisions of the Charter and thus is helping to mitigate the effects of disasters on human life and property.

[More](#)

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Latest Charter Activation



Puyehue volcano in Chile and Argentina

Tuesday, June 7, 2011

After the eruption of the Puyehue-Cordon-Callue volcano range, about 800km (500 miles) south of Santiago, Chilean authorities continue to monitor the direction of ash clouds.

[Read more](#)

[RSS](#)

[XML](#)

Recent Activations

▪ [Puyehue volcano in Chile and Argentina](#)

▪ [Flood in Colombia](#)

▪ [Fire in the Province of Alberta, Canada](#)

▪ [Flood in Central Midwest, USA](#)

▪ [Fire in Mexico](#)

▪ [Activations Archive](#)

Helium

\$30 per cylinder,
2-3 flights

2 Trash bags

95 gallons, \$2 each

Kite

Sutton Flowform 16, \$100
or build your own for <\$1

Tape

Duct and clear
packing tape, \$3

Sticks

1/2 cm, 15 cm long

A complete grassroots mapping kit

Make your own 'satellite' for as little as \$100: GrassrootsMapping.org »

Clips

Carabiners or
key rings, <\$3

String

Cotton, \$1

Scissors

Or a knife

Canon camera

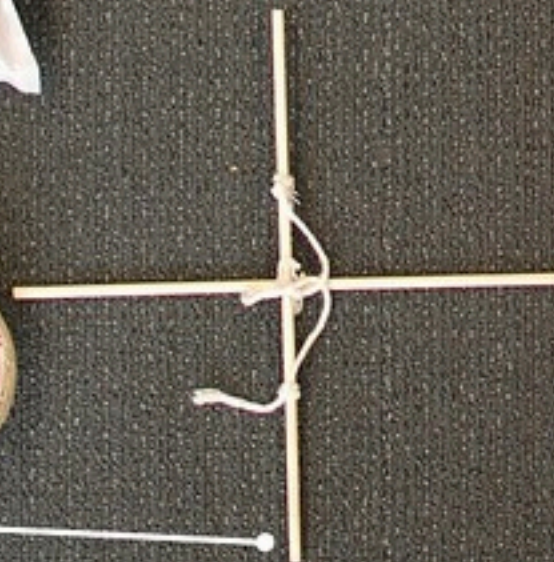
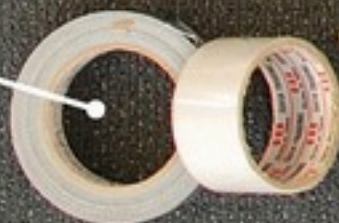
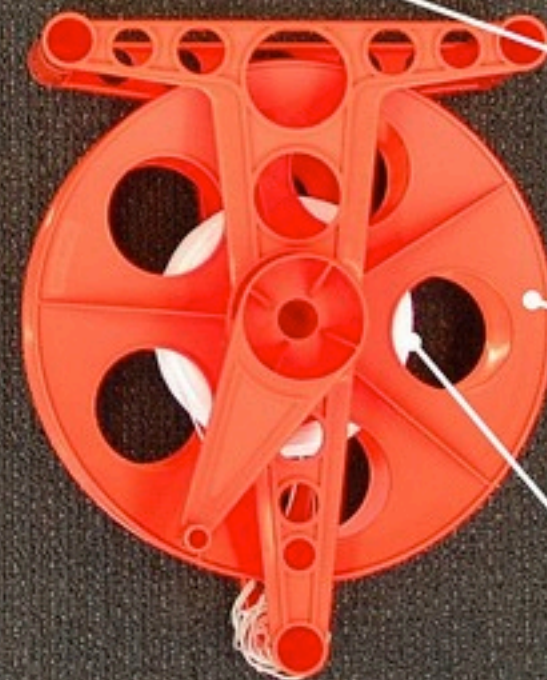
\$45 on eBay

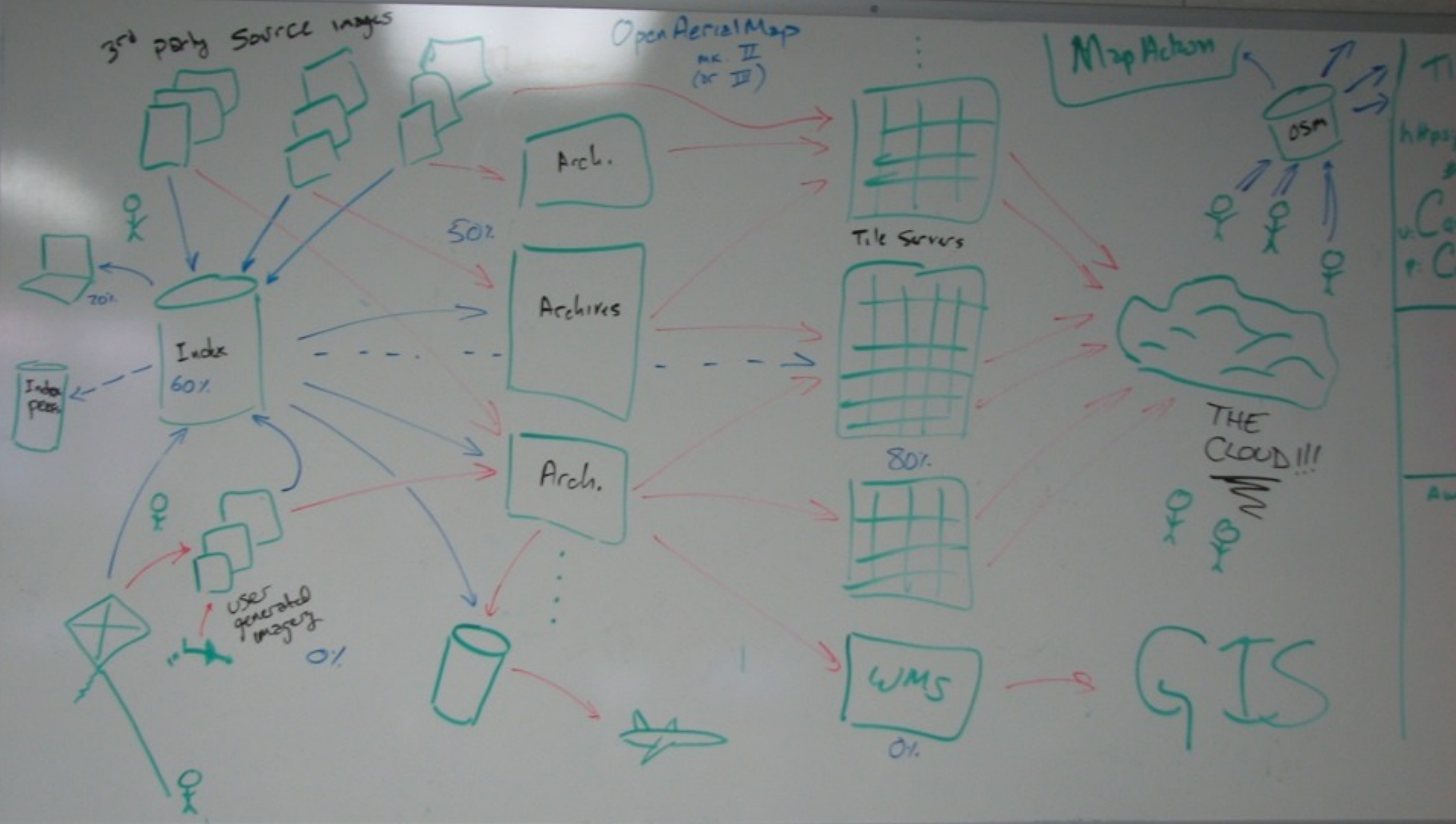
Reel

For electric cables, \$15
Or use a stick

Kite String

200-400 meters, medium-
weight nylon, \$6





OpenAerialMap

[Browse Layers](#) [Create New Layer](#)



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HOT



Humanitarian OpenStreetMap Team

<http://hot.openstreetmap.org/>

[http://wiki.openstreetmap.org/wiki/Humanitarian OSM Team](http://wiki.openstreetmap.org/wiki/Humanitarian_OSM_Team)

Schuyler Erle / @schuyler / schuyler@simplegeo.com

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