

Thematic Session #2

Harnessing Community in Reconstruction: OpenStreetMap (OSM)

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Location

Geneva, Switzerland

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Organization: Humanitarian OpenStreetMap Team (HOT)



Recovering and Reducing Risks after Natural Disasters



GFDRR
Global Facility for Disaster Reduction and Recovery



ISDR



Global Platform
for Disaster Risk Reduction



Building a Community Around Data





OpenStreetMap:

Anyone can help.

Anyone can use the data.





The OSM Community

300,000 + registered users

1,000's of active contributors

Groups in 70+ countries





OpenStreetMap:

Flexible Data Model

Online and Offline Editing Tools

Active Developer Ecosystem



Port-au-Prince in OSM, January 2010

January 1, 2010

January 30, 2010



OSM after the quake in Haiti

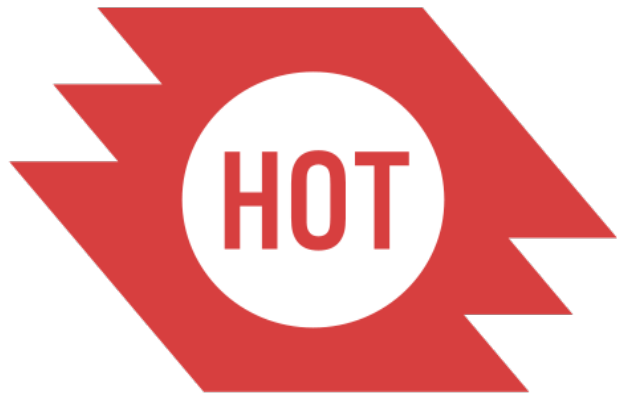
Used on the GPS devices of search and rescue teams

Most key GIS actors in Haiti are using OSM data in their work

Strong connections between the OSM community and OCHA and IOM helped the partnership



The Humanitarian OpenStreetMap Team



An organization working to promote the use of open data and volunteered geographic information within the humanitarian and development contexts

<http://hot.openstreetmap.org>

<http://twitter.com/hotosm>



OpenStreetMap Trainings



of existing information and Data Modeling

OSM-HDM Light Assessment Form: School

Surveyor email:

Date:

SCHOOL INFORMATION

General Information

National Registry Name

Scolar District

School ID:

Waypoint Number

Accessibility Details

Air Only

Non-motorized

Motorbike

2 WD Car

4WD < 3.5 MT

Light Truck < 10 MT

Heavy Truck < 20 MT

Truck + Trailer > 20 MT

Contact Details

Phone (Business):

Fax

Phone (Emergency):

Email

Address Details

Type

Commune:

Ens. primaire - creche - jardin d'enfant

Ens. primaire - école primaire

Communal Section:

Ens. primaire - école maternelle

Ens. primaire - groupe scolaire

Area Name:

Ens. secondaire - Collège

Ens. secondaire - Lycée

Alternate Area Name:

Ens. secondaire - Formation Professionnelle des Adultes (F.P.A.)



The First Mapping Party in Cite Soleil



Camp Mapping



Cholera Treatment Centers



The OpenStreetMap Community of Haiti

Registered organization in
Haiti as of November 2010

Regular monthly meetings

Over 200 members



Beyond Port au Prince



Community Infrastructure



Meetups

Listserves

The Wiki



Mapping Emergency Shelters



Next Steps



Partnerships with Universities

Strengthening connection to government (CNIGS, DPC)

Continuing work with NGOs with long-term commitments in Haiti.



Thank you.

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