



These slides will



Data Standards

- A “Language” for sharing information between different systems
- To compare different sets of data to improve analysis
- Examples
 - .xls
 - .kml



Critical for integrating different systems



Data Standards

- PFIF: Person Finder Interchange Format
- EXDL: Emergency Data Exchange Language
 - HAVE: Hospital Availability Exchange
- CAP: Common Alerting Protocol

Haiti Earthquake People Locator
 A beta project of the U.S. National Library of Medicine
 Lister Hill National Center for Biomedical Communications

English | Français | Kreyòl

How do I report?
 How do I use this site?
 For a person below, what do I do next?
 Additional Resources
 Contact/About Us

Search Clear Filter Play

☒ Missing ☒ Found ☒ Alive and Well ☒ Injured ☒ Deceased ☐ Unknown

4011 matches from 52182 total records

Name: Darlene Jean-Baptiste Status: [\(missing\)](#)
 When Reported: 2010-02-01 23:09:48 ID: haitiquequale.com/615

Person Finder: Haiti Earthquake
 English | Français | Kreyòl

What is your situation?

[I'm looking for someone](#) [I have information about someone](#)

Currently tracking about 6000 records.

PLEASE NOTE: All data entered will be available to the public and viewable and usable by anyone. Google does not review or verify the accuracy of this data.

[Updated this tool on our site](#) [Disclaimers](#) [Terms of Service](#)

powered by Google

<http://hepl.nlm.nih.gov/inw/>

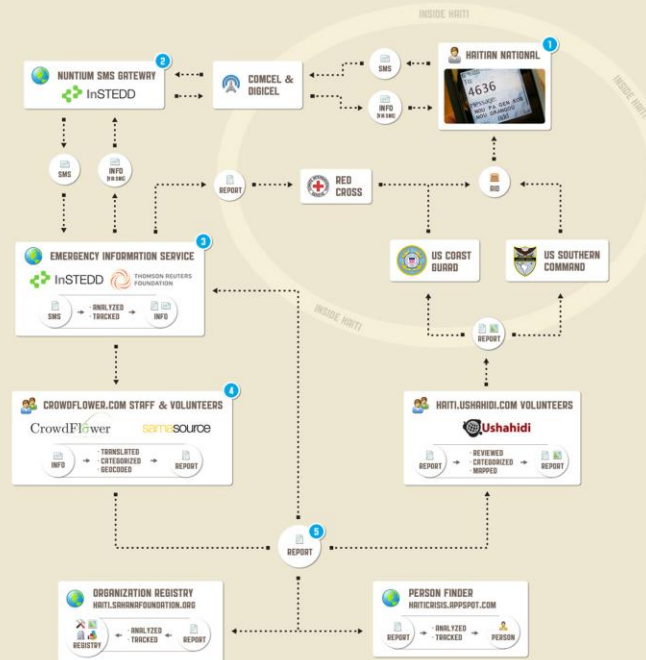
<http://haiticrisis.appspot.com/>

Project 4636

How a simple SMS sent from a Haitian in need, can be transformed into a powerful resource that fuels the crisis response and recovery effort.

- 1 A Haitian with a need sends an SMS to the 4636 shortcode.
- 2 The SMS is then routed through the Nuntium SMS gateway and onto the Emergency Information Service (EIS).
- 3 Once at EIS, the information in the SMS is analyzed, tracked and then forwarded to the crowdflower.com website.
- 4 A Haitian volunteer or staff member logs onto the website and translates the SMS, adding meta and geospatial information.
- 5 After translation, the information is turned into a report that goes out to multiple organizations involved in the crisis response and recovery effort.

A product of **Ushahidi Labs**

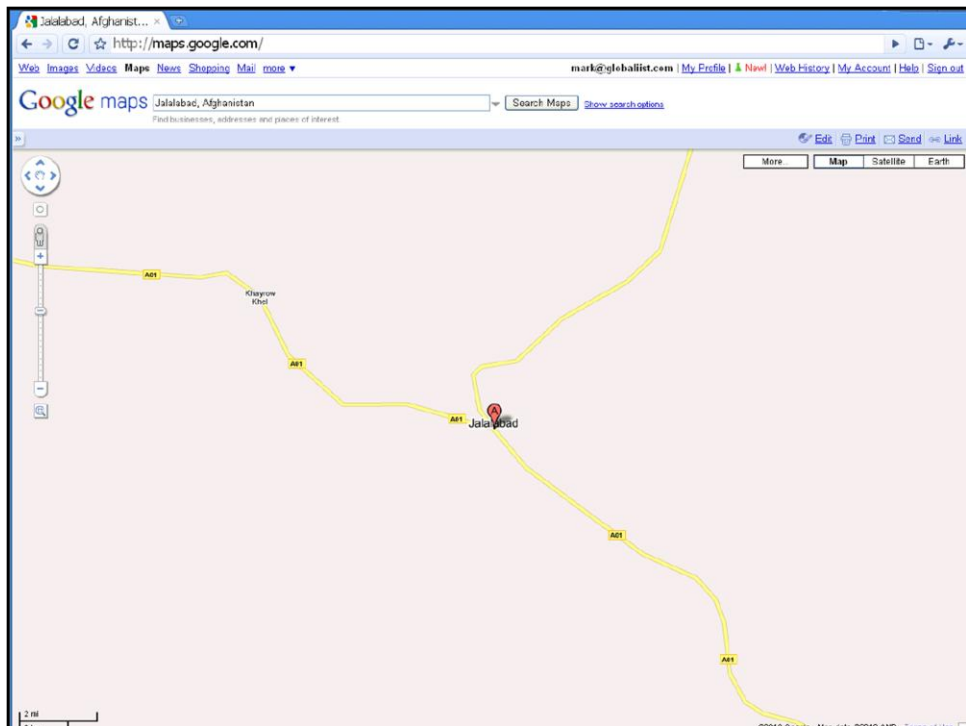


Systems can be plugged together like Lego

Crowd Sourcing

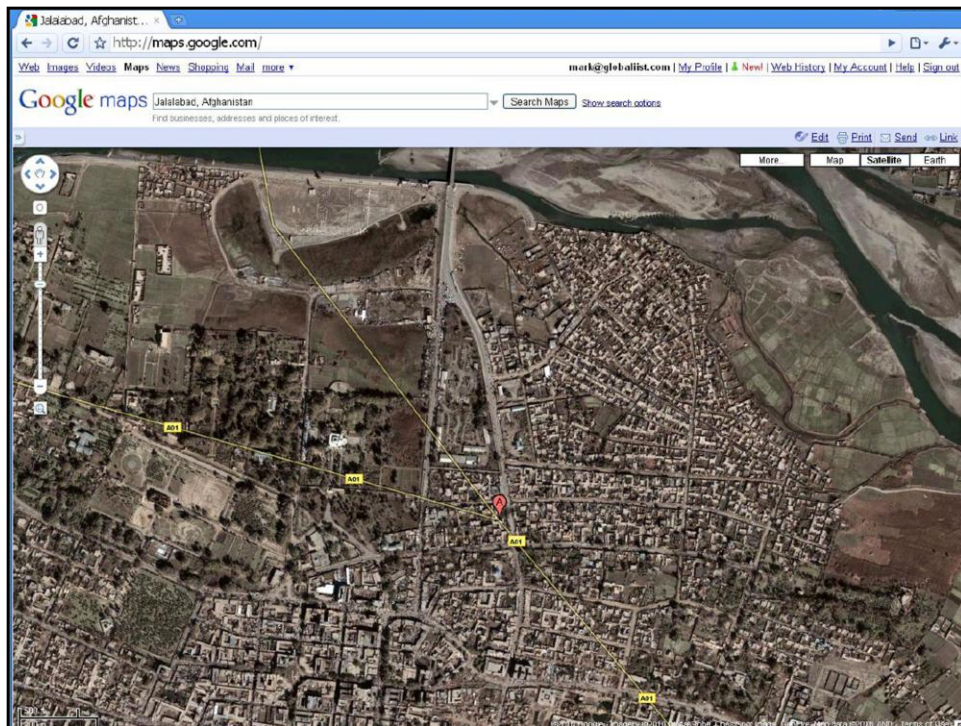


- OpenStreetMaps
 - The Wikipedia of Maps
- Ushahidi
 - Crowdsourced Crisis Mapping

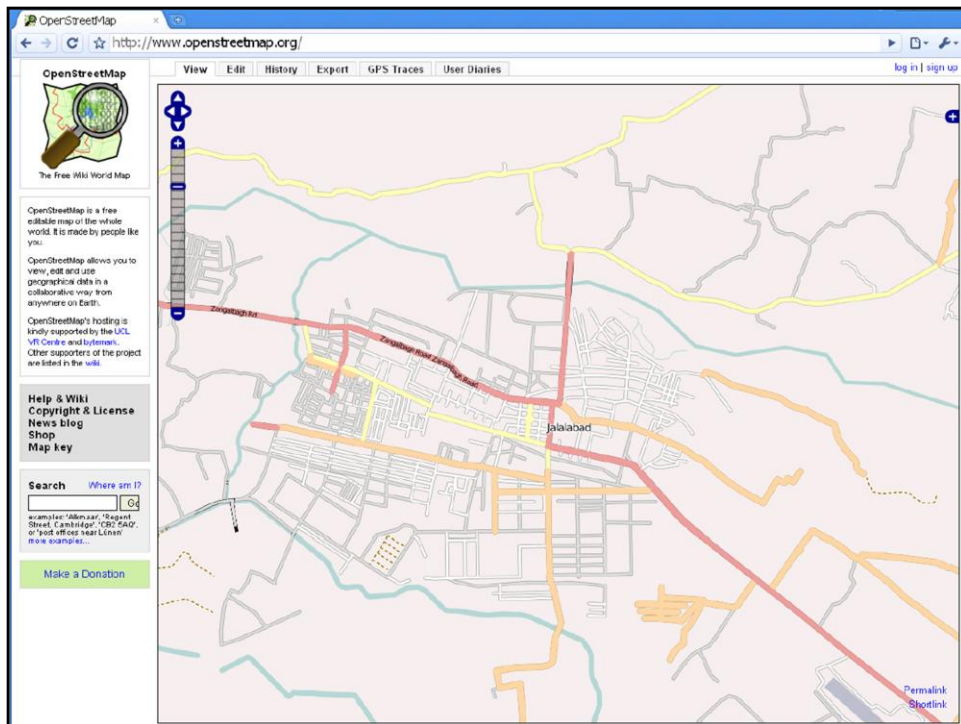


Open Street Maps

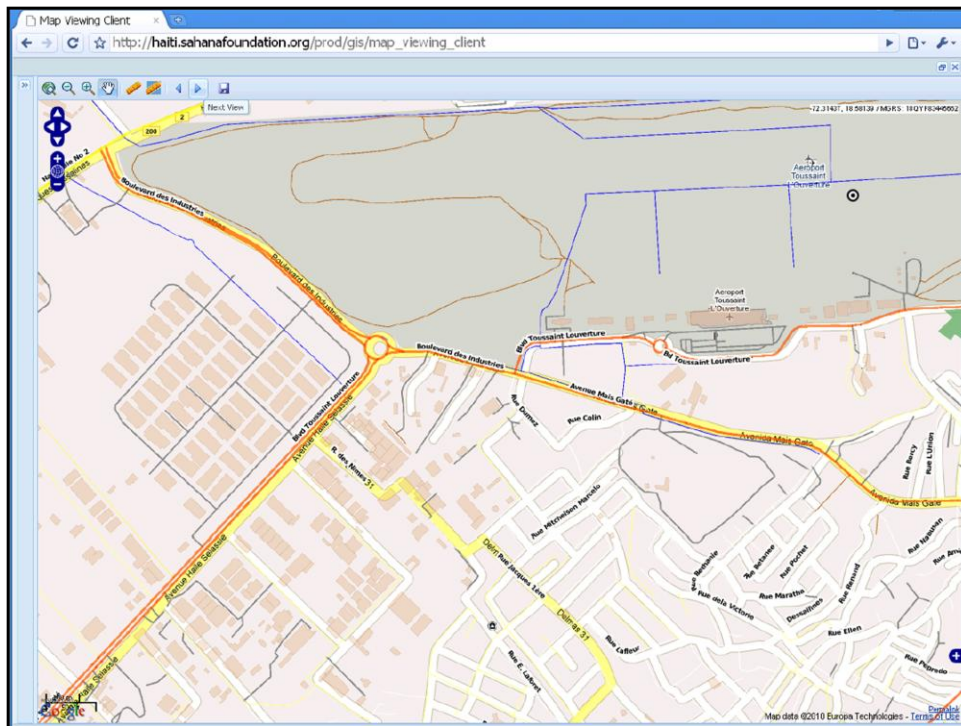
Jalalabad...nothing there is there?



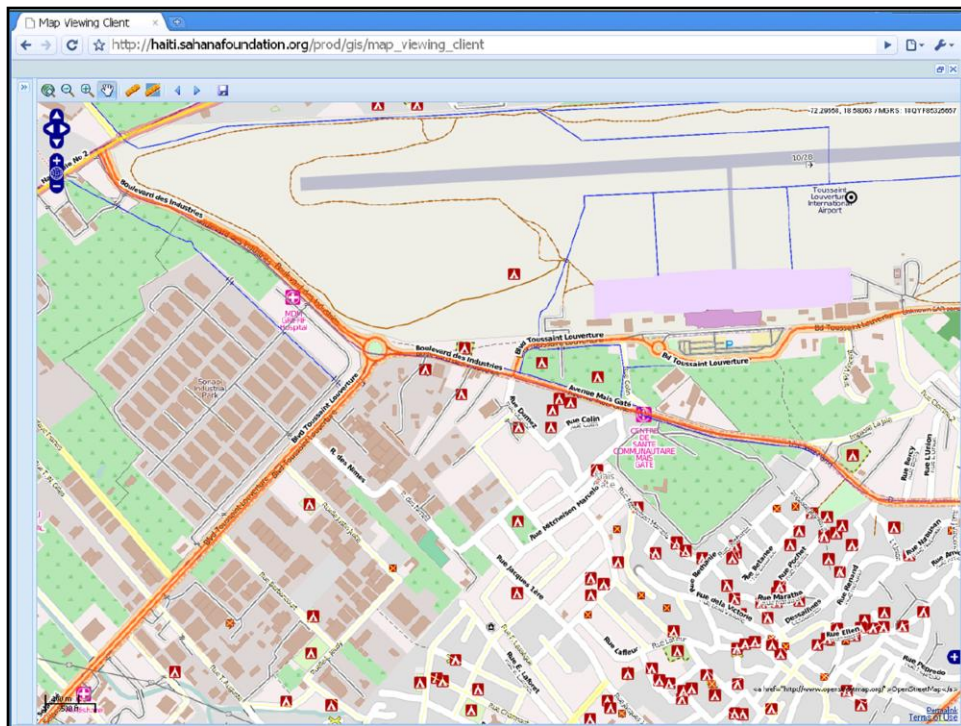
Wrong! This is a significant place...



But OpenStreetMap has a lot more



Google has pretty good coverage of Port au Prince...

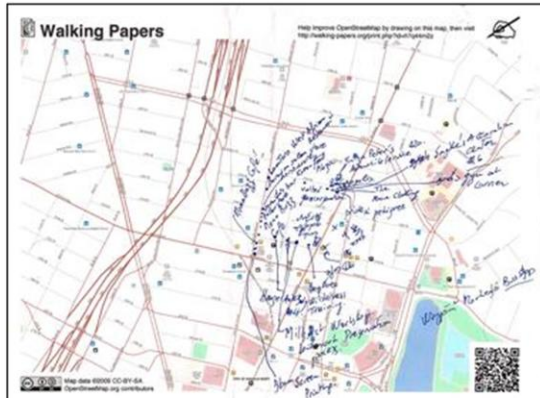


...however OpenStreetMap is better & has the Damage Layer available. (It is also routable & had information on the blocked roads)

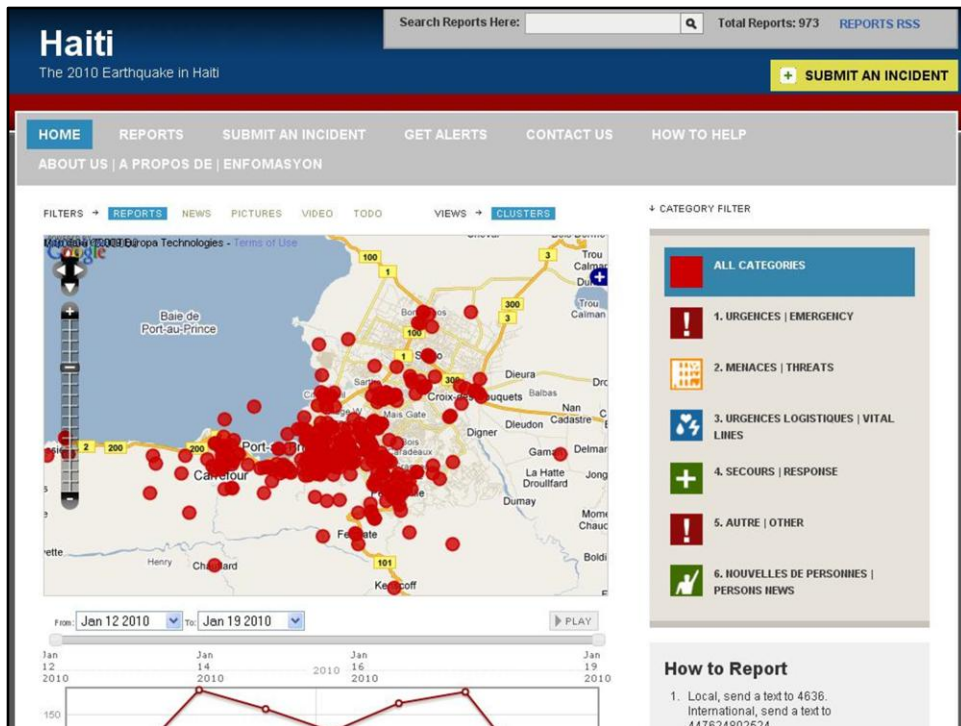
Walking Papers



- Print out a map
- Draw additional information on this map
- Scan Map
- Upload & Trace
- Community / Participatory mapping tool?



<http://walking-papers.org/>



Crowd Sourcing Challenges



- Reliability?
- Un-Professional
- Information Overload?
- Geeksourcing?
- Voluntourism?

<http://mobileactive.org/how-useful-humanitarian-crowdsourcing>

Mobile Devices



What happens when **everyone** has a computer, camera, GPS and a phone in their **pocket**?





**BUT! Always think
about how technology is
going to add value by
supporting you to make
better decisions.**