

@disruptivegeo

Imagery to the Crowd

Confluence of Geography & ICT for Development

JOSHUA S CAMPBELL GEOGRAPHER AND GIS ARCHITECT HUMANITARIAN INFORMATION UNIT OFFICE OF THE GEOGRAPHER AND GLOBAL ISSUES U.S. DEPARTMENT OF STATE





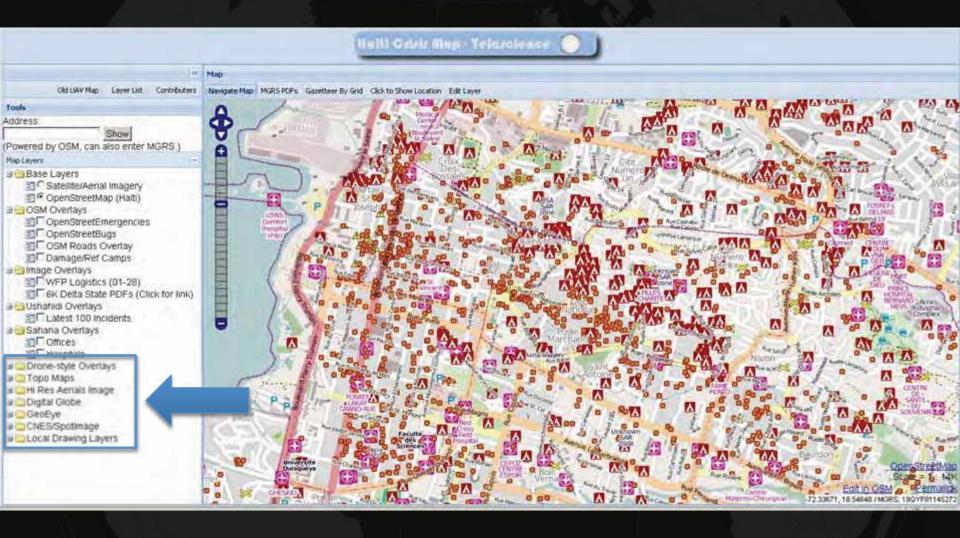


ITO World

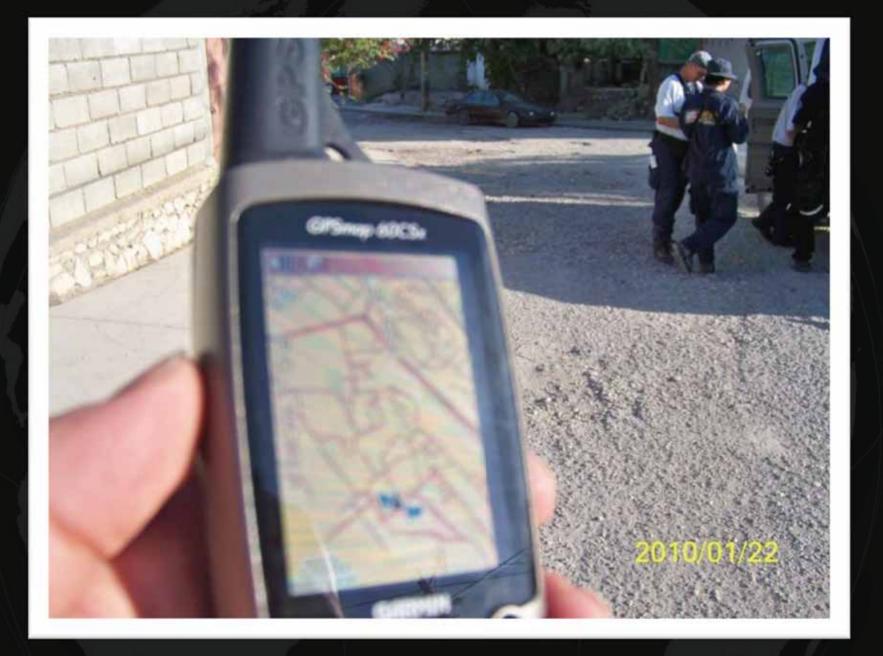
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U.S. Department of State Humanitarian Information Unit

Unclassified



Imagery Database Volunteer Mappers Internet Terabytes Milliseconds Easy Ortho-rectified Web Map Service Fast Pan-sharpened Tiled Map Service Natural color composite





Designed and built for the Humanitarian OpenStreetMap Team with initial sponsorship from the Australia-Indonesia Facility for Disaster Reduction. See the about page for complete information.



Total (169) Done (115) W Validated (0) Curr. worked on (0)

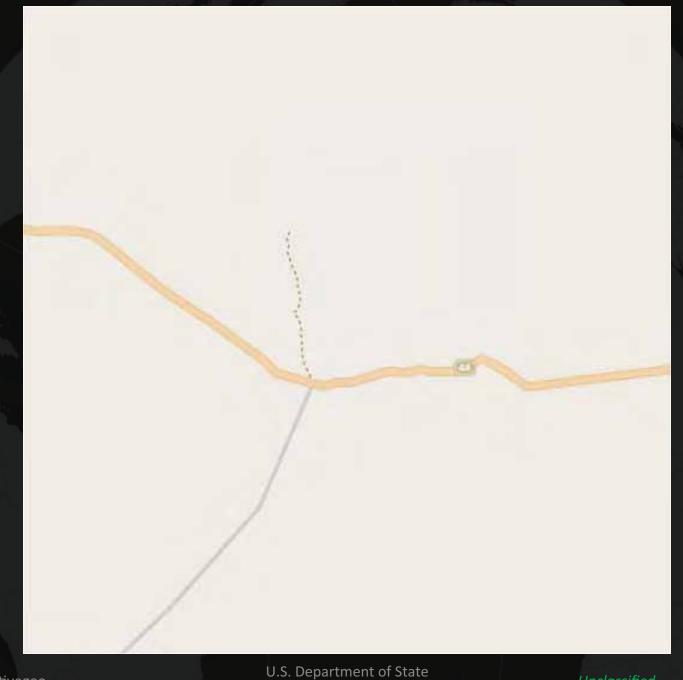
Fork the code on github.



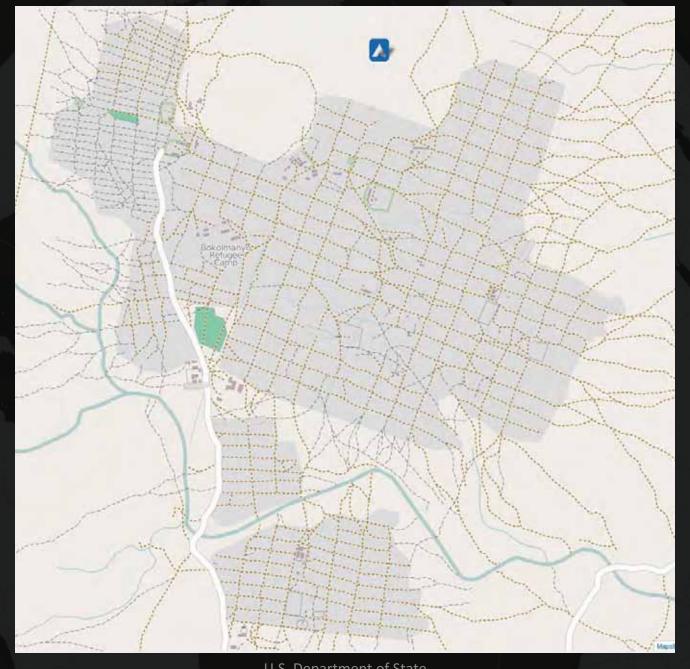
INFORMATION COMPLETED

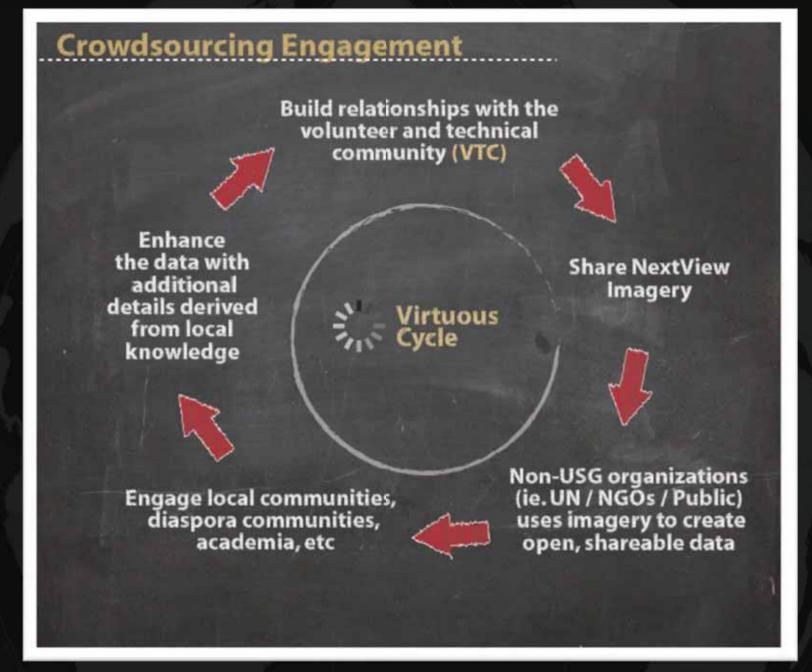


INFORMATION STILL NEEDED









Home > News & Events > News > New Mapping Technologies for the Developing World

New Mapping Technologies for the Developing World



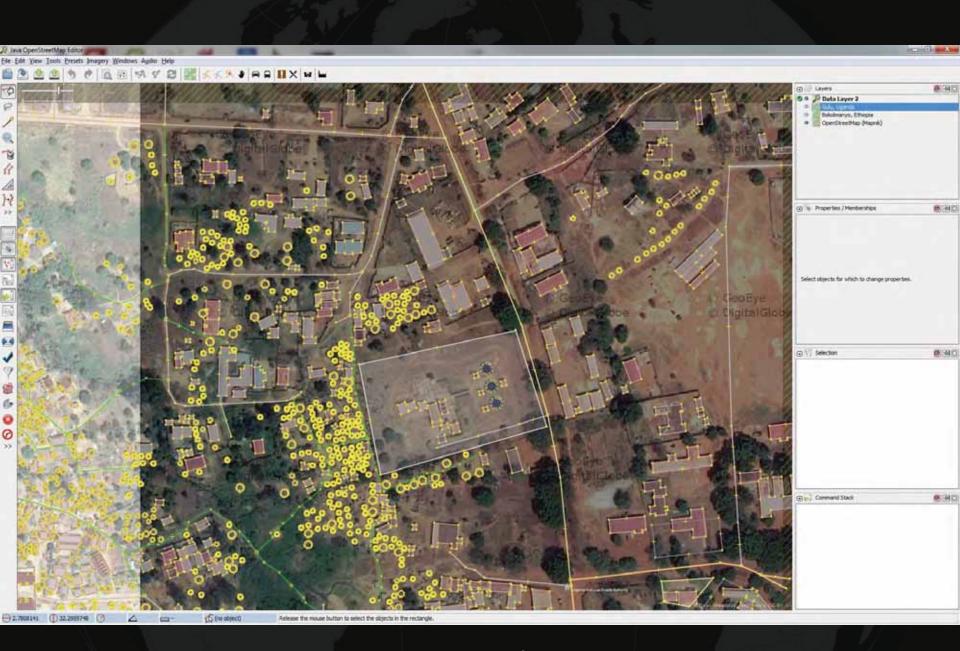
Responders
need to know
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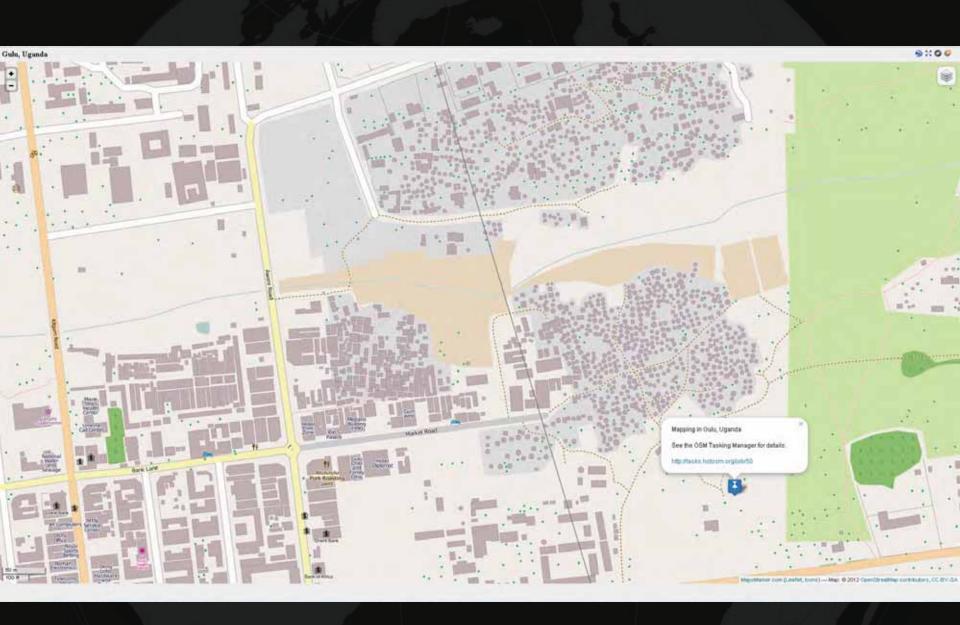
Posted September 84, 2012, By Tamara Braunstein

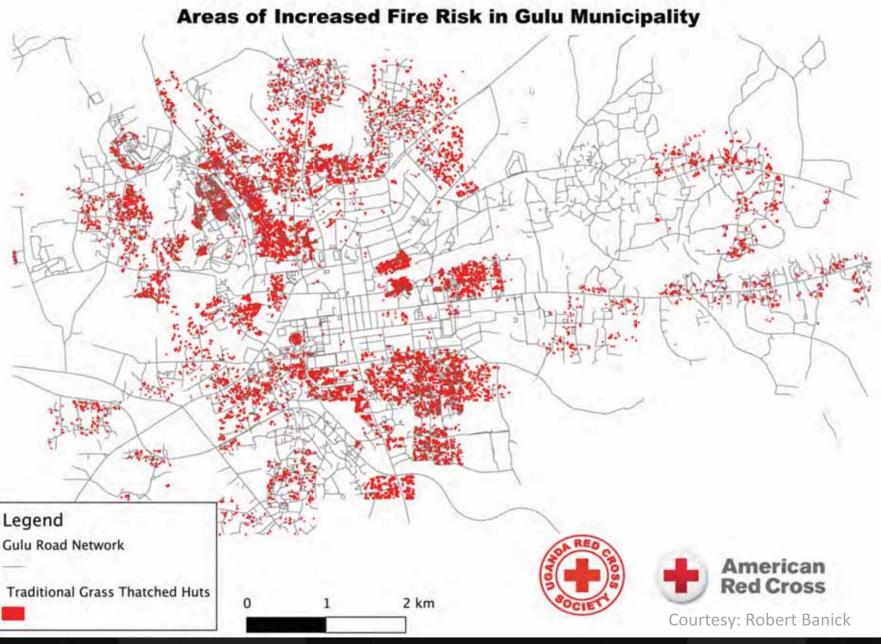
The town of Lira in Northern Uganda does not have a fire department. Its buildings are built so closely together that a small fire can quickly escalate into a major disaster as commonly used construction materials like straw and wood fuel the flames.

In neighboring Gulu, a town about 64 miles away, emergency responders face equally daunting circumstances. Response teams are often hindered by a lack of planning capacity because even the largest roads are not mapped out.

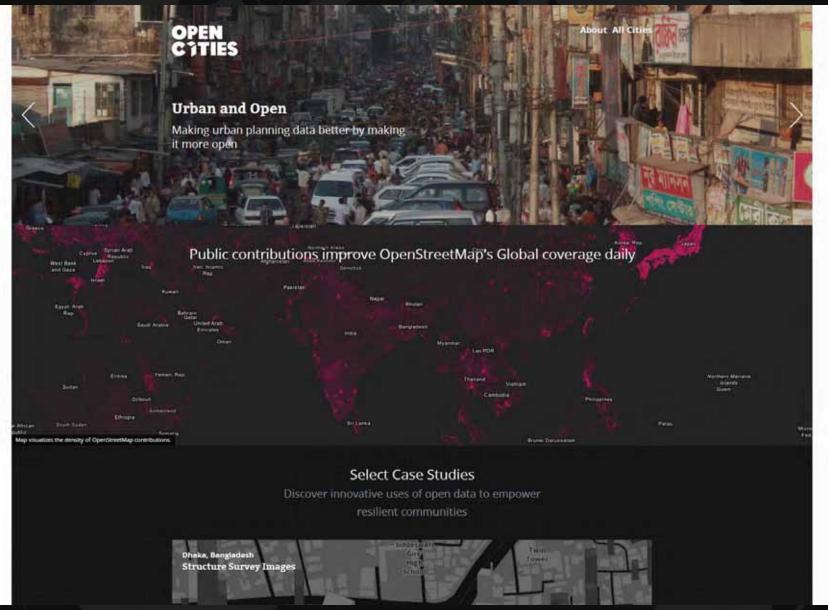
"Responders need to know how streets are laid out so they can figure out how to get closest to a fire," said Robert Banick, a geographic information systems (GIS) analyst for the American Red Cross.



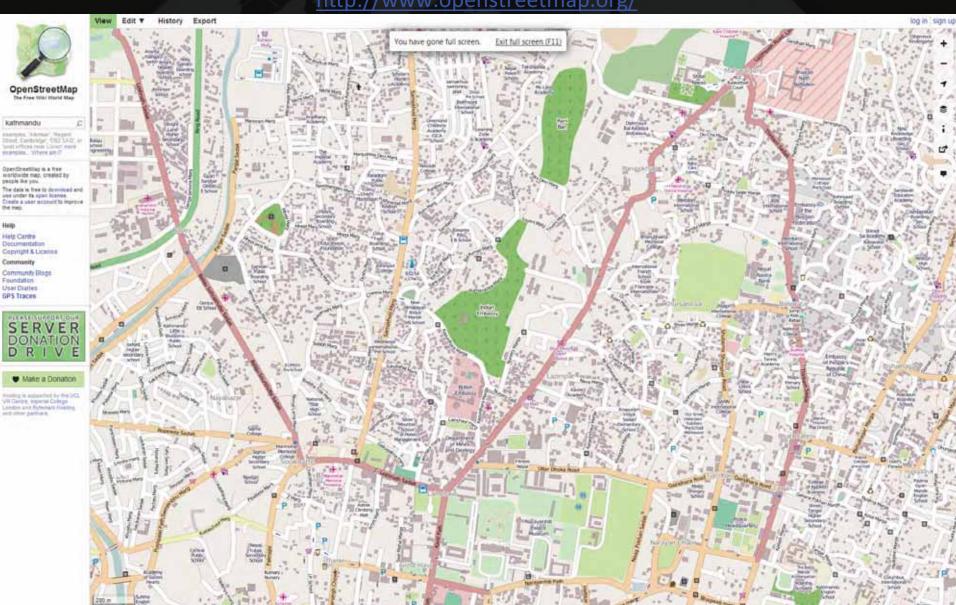


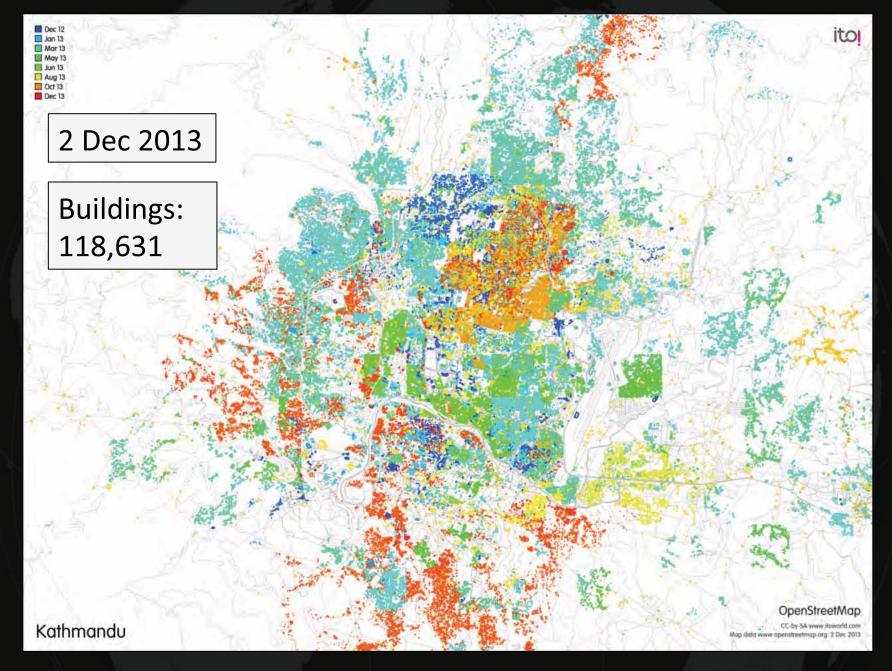


http://opencitiesproject.com/



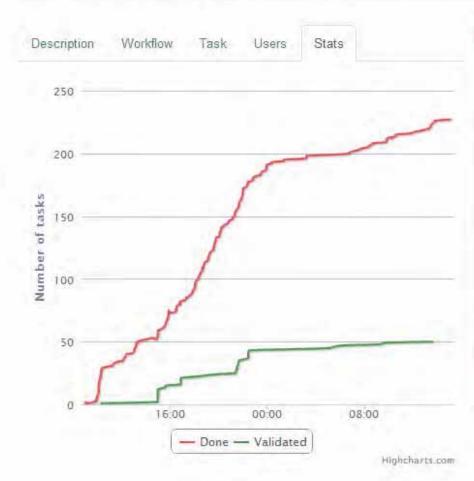
http://www.openstreetmap.org/





Typhoon Haiyan - Tacloban Post-Disaster Imagery Mapping

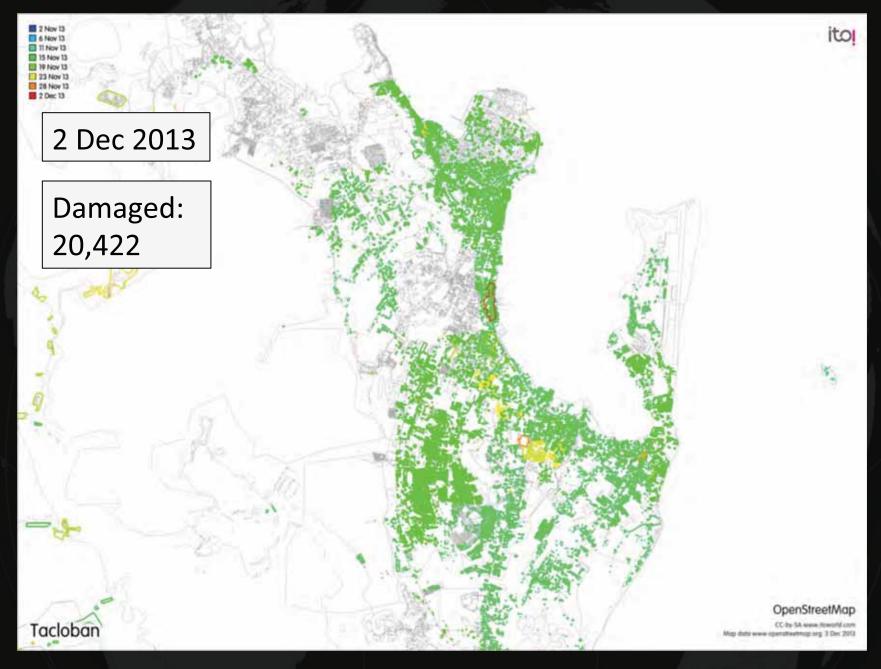




Babatrigon Barugo Cangara San Miguel Alangaland Marabut Dagarn Dulag @ OpenStreetMap contributors Total (303) Done (227) Validated (50) Curr. worked on (9)

Tacloban: 53 Contributors -- 238 Tiles Completed Between 1am Nov 13 – 12pm Nov 14

Ormoc City: 55 Contributors – 274 Tiles Completed Between 1am Nov 13 – 12pm Nov 14



Imagery to the Crowd

Home

Products

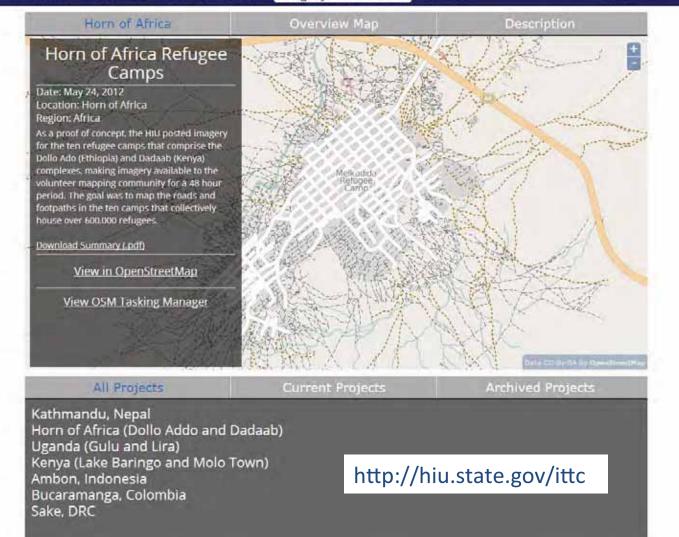
DHNB

Data

Imagery to the Crowd

About

Beta



SXSW Interactive 2014

Tags: crowdsourcing, mapping, diplomacy

Meta:

Event - Interactive

Category - Dual

Theme - Policy and Civic

Engagement

Level - Intermediate

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Crowdsourcing Diplomacy

This panel will illustrate how the State Dept is leveraging its social media network to address humanitarian crises. With 30 million fans and followers and over 1,000 social media practitioners worldwide, the Department is engaging its networks for social good. Through the combined resources of the Bureau of International Information Programs (IIP) and the Humanitarian Information Unit (HIU) the Department can now crowdsource projects that can have major impact in the daily lives of millions of people. The Humanitarian Information Unit's initiative entitled "Imagery to the Crowd" takes satellite imagery purchased by the U.S. government and connects that imagery to the volunteer mapping community working on humanitarian emergencies, disaster response, and sustainable development. The partnership uses IIP's large social media network to recruit new volunteer mappers, and to map new areas which are at risk of a humanitarian emergency.



OPEN GLOBE PROJECT

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Start Mapping

Not every place in the world is mapped like we believe.

Accurate and timely data can play a critical role in humanitarian missions. Be part of the solution and start mapping.







THE OPEN GLOBE PROJECT

The Cause

Commonly Asked

About Open Mapping

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Our Mission

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Questions

U.S. Department of State Humanitarian Information Unit