

How Open Data can impact urban areas/ cities in Africa

Moses Sitati



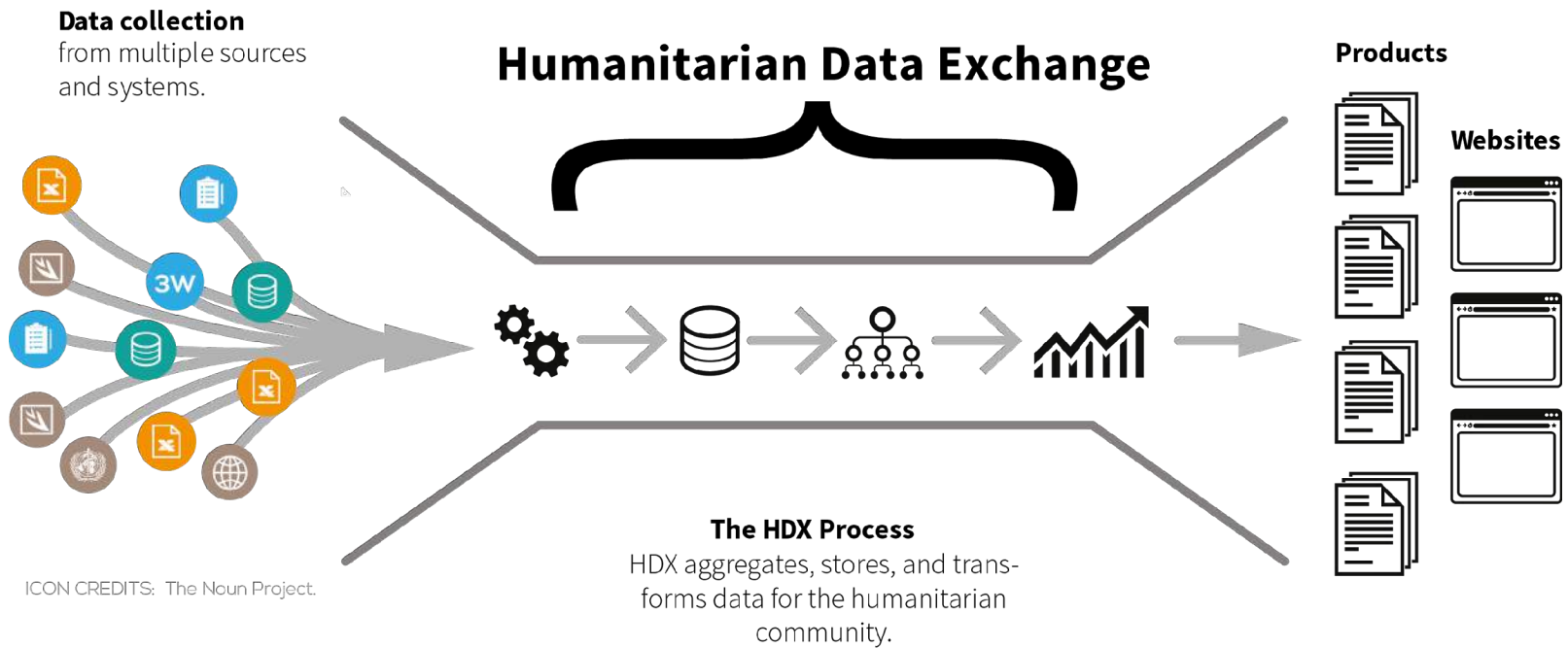
Humanitarian
Data Exchange

| Where your data comes to life |

Goal

HDX aims to make humanitarian data **easy to find** and **use for analysis.**

System Diagram



HDX Data Lab Nairobi



The mission of the Data Lab is to create space for local data collaboration and innovation that is connected to humanitarian decision making and a global data network.

- Rockefeller Grant Proposal, 2014

Lab Workstreams

- 1 – Baseline Data
- 2 – Data Services
- 3 – Community Building
- 4 – Innovation/Exploration

Sample Initiatives

Baseline Data

Spatial Collective - Hum X +

data.hdx.rwlab.org/organization/spatial-collective?sort=metadata_modified+desc

FAQ | FEEDBACK | LOG IN | SIGN UP

HDX^{Beta} eg. IDP Colombia DATA | LOCATIONS | ORGANISATIONS | CRISES ▼ SHARE DATA

HOME / ORGANISATIONS / SPATIAL COLLECTIVE

MEMBERS
3

FOLLOWERS
2

ORGANISATIONS 1

LOCATIONS 4

TAGS 7

FORMATS 2

Spatial Collective

updated on November 6, 2014

Datasets Activity Stream

We are a Nairobi based consulting company specializing in data collection, management, and visualization. We also do community engagement and software development.

More info [Spatial Collective Website](#)

Search within Spatial Collective's datasets...

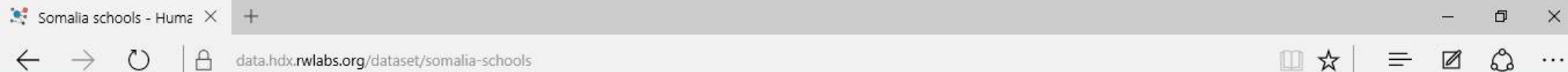
5 DATASETS FOUND

Administrative regions of Somalia
Updated by [Spatial Collective](#) - August 28, 2015
This data shows the administrative regions of Somalia (gobol)

ZIPPED SHAPEFILE

Pezzali is a fish breeding rocks for reef species in the

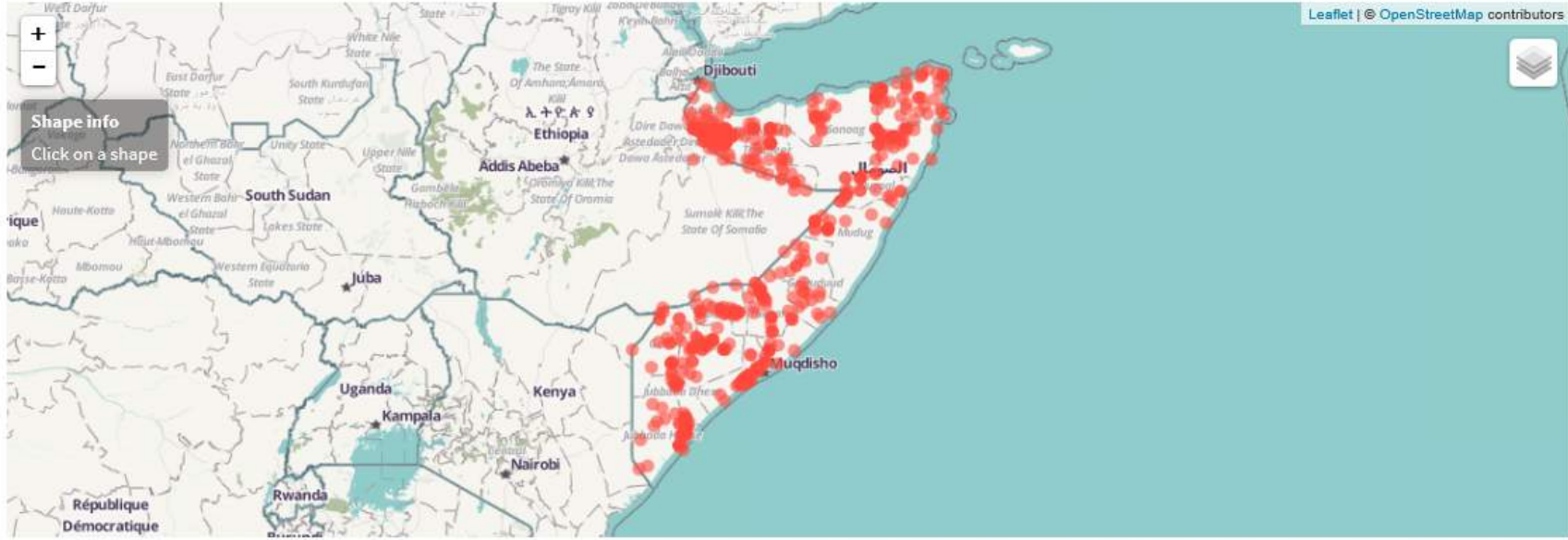
Baseline Data



HOME / INDICATORS / SOMALIA SCHOOLS

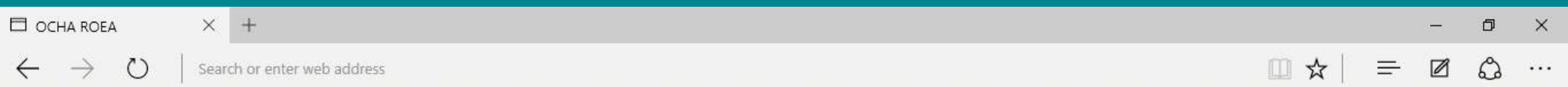
Somalia schools

[SHARE](#)



This dataset contains the coverage of schools in Somalia as collected by UNICEF as at the year 2004

Data Services



DASHBOARD

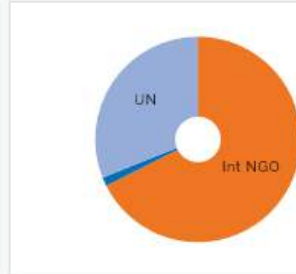
BURUNDI WHO IS DOING WHAT WHERE AS OF 14 JUNE

[Download Data](#) [Reset All](#) [Tutorial](#)

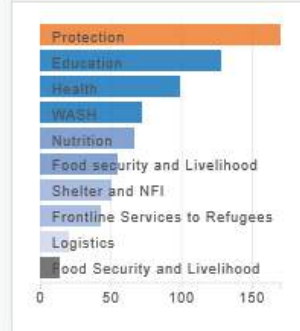
Map of Density of Actors



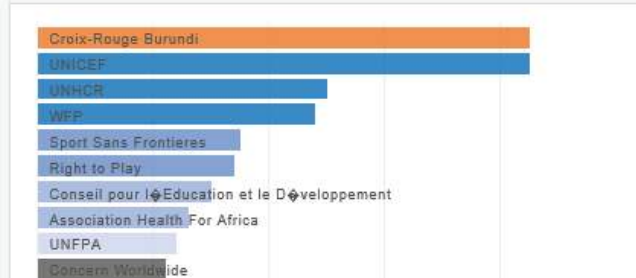
Type of Actor



Sector



Organizations (Actors)



Data Services

Nepal Earthquake - Hun X +

data.hdx.rwlab.org/group/nepal-earthquake

FAQ | FEEDBACK | LOG IN | SIGN UP

HDX Beta eg. IDP Colombia DATA | LOCATIONS | ORGANISATIONS | CRISES ▼ SHARE DATA

HOME / LOCATIONS / NEPAL EARTHQUAKE

Leaflet | © OpenStreetMap contributors | USGS

Hover over the map
No data available

Nepal Earthquake

SHARE

Key Figures

Number of People Killed (estimate)	People in Need of Assistance	Number of Assessed IDP Camps	Total Funding Received
8,712	2.8 million	521	\$ 438.1 million
UNRCO (Nepal) Data - Jun 05, 2015	UNRCO (Nepal) Data - Jun 03, 2015	IOM Data - Jul 14, 2015	FTS Data - Aug 05, 2015

Datasets [82] [Show all datasets](#)

Nepal admin level 2 administrative boundaries
OCHA Nepal - August 31, 2015

Admin level 2 data (Zones) for Nepal
ZIPPED SHAPEFILE | XLS | OGB


Community Building

Twitter / Notifications Photos and videos by rc X +

Twitter, Inc. [US] twitter.com/s_DesignTools/media


Home Notifications Messages Search Twitter Tweet

roberta tassi @s_DesignTools · Aug 13
First dry-run of user testing! @UNOCHA @humdata #frogsInNairobi
You and venetia tay



3 2

roberta tassi @s_DesignTools · Aug 13
"Asking questions is an art" - key takeaway from Lucy after her first day in the field #UCD #training #frogsInNairobi



Innovation/Exploration

United Nations Human : X +

data.hdx.rwlab.org/organization/unhabitat-guo

FAQ | FEEDBACK | LOG IN | SIGN UP

HDX Beta eg. IDP Colombia DATA | LOCATIONS | ORGANISATIONS | CRISES ▼ SHARE DATA

HOME / ORGANISATIONS / UNITED NATIONS HUMAN SETTLEMENT ...

MEMBERS
7

FOLLOWERS
0

ORGANISATIONS 1

LOCATIONS 1

TAGS 1

FORMATS 1

LICENSES 1

United Nations Human Settlement Programmes, Global Urban Observatory

updated on June 15, 2015

Datasets Activity Stream

The Global Urban Observatory (GUO) helps cities get a bird's eye view of their situation and their needs. Using Geographical Information Systems (GIS) technology, it helps cities get a bird's eye view of their situation and their needs. Photograph a city from space, magnify it, look at a few streets in any area, and then send in survey teams to fill in the blanks from the streets up – how many people live there? How many have access to water and sanitation? Are the roads in need of repair? How many people have AIDS or malaria? Which slums are the most overcrowded? Armed with answers to such questions it is far easier and cheaper to bring improvements. The information gathered and researched provides a database of statistics and indicators on the state of urban development around the world. The information provided enables UN-HABITAT to monitor implementation of target 11 of the Millennium Development Goals (MDG) to significantly improve the lives of 100 million slum dwellers by the year 2020.

More info [United Nations Human Settlement Programmes, Global Urban Observatory Website](#)

Search within United Nations Human Settlement Programmes, Global Urban Observatory's datasets...

1 DATASET FOUND ORDER BY: **Last Modified** ▼

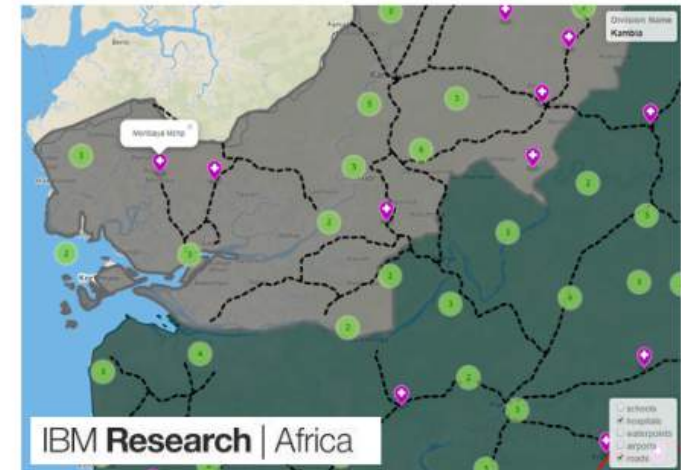
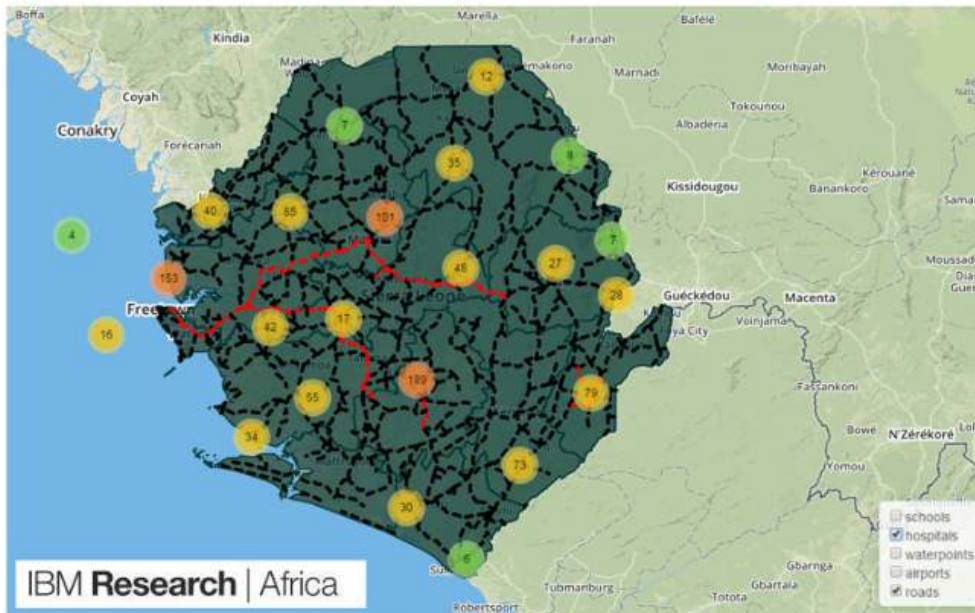
UrbanInfo Indicators 2011

Updated by **United Nations Human Settlement Programmes, Global Urban Observatory** - August 28, 2015

The UrbanInfo provides updated information on these topics and also covers new topics, such as disaster, crime, migration, income inequalities and transport. It includes, for...

CSV

Innovation/Exploration



Thoughts

Opportunities in meta-analysis

- Research questions

- Tools/skills for analysis

- Software and tools for data consumption

Multisectoral collaboration and engagement

APIs and Data freshness

Opening the Community

Data Deficit

Stay in touch

hdx.rwlab.org

Email us with questions at hdx@un.org

Follow us [@humdata](https://twitter.com/humdata) for tweets on #opendata
and #HXL



OCHA