Information for Risk Analysis, Early Warning and Preparedness

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People forced to flee worldwide

25.4 million refugees worldwide as of Dec 2017

UNHCR and UNRWA data

41.3 million Internally Displaced Persons by conflicts and violence worldwide as of Dec 2018

IDMC data

17.2 million displacements by disasters in 2018

IDMC data

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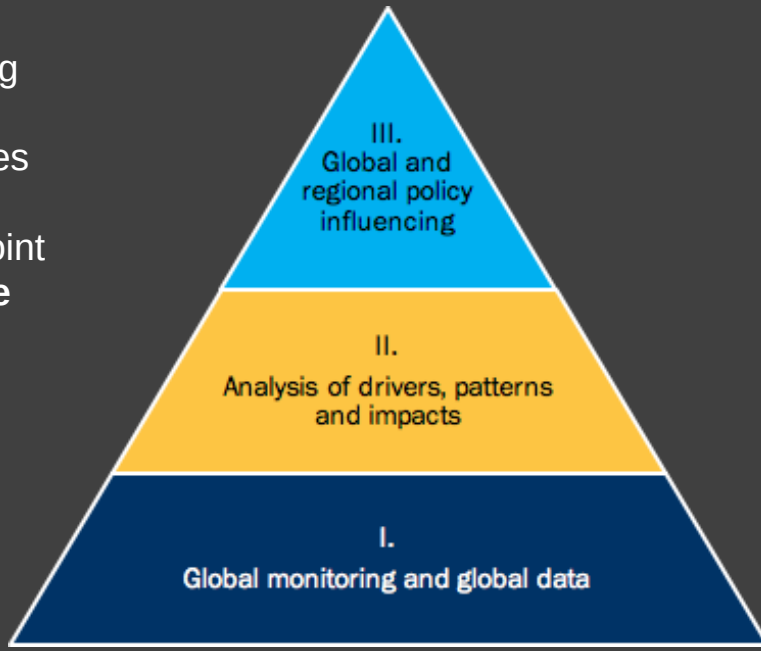
iDMC internal displacement monitoring centre

The Internal Displacement Monitoring Centre

UN Resolution A/C.3/70/L.51/Rev.1

Recognizes the need to collect **reliable disaggregated data**, including data disaggregated by sex, age and location, on internally displaced persons and the impact of long-term displacement on host communities in order to improve policy, programming and response to internal displacement and, in this respect, the relevance of the inter-agency Joint Internally Displaced Person Profiling Service and the **global database on internally displaced persons maintained by the Internal Displacement Monitoring Centre**;



NRC

NORWEGIAN REFUGEE COUNCIL

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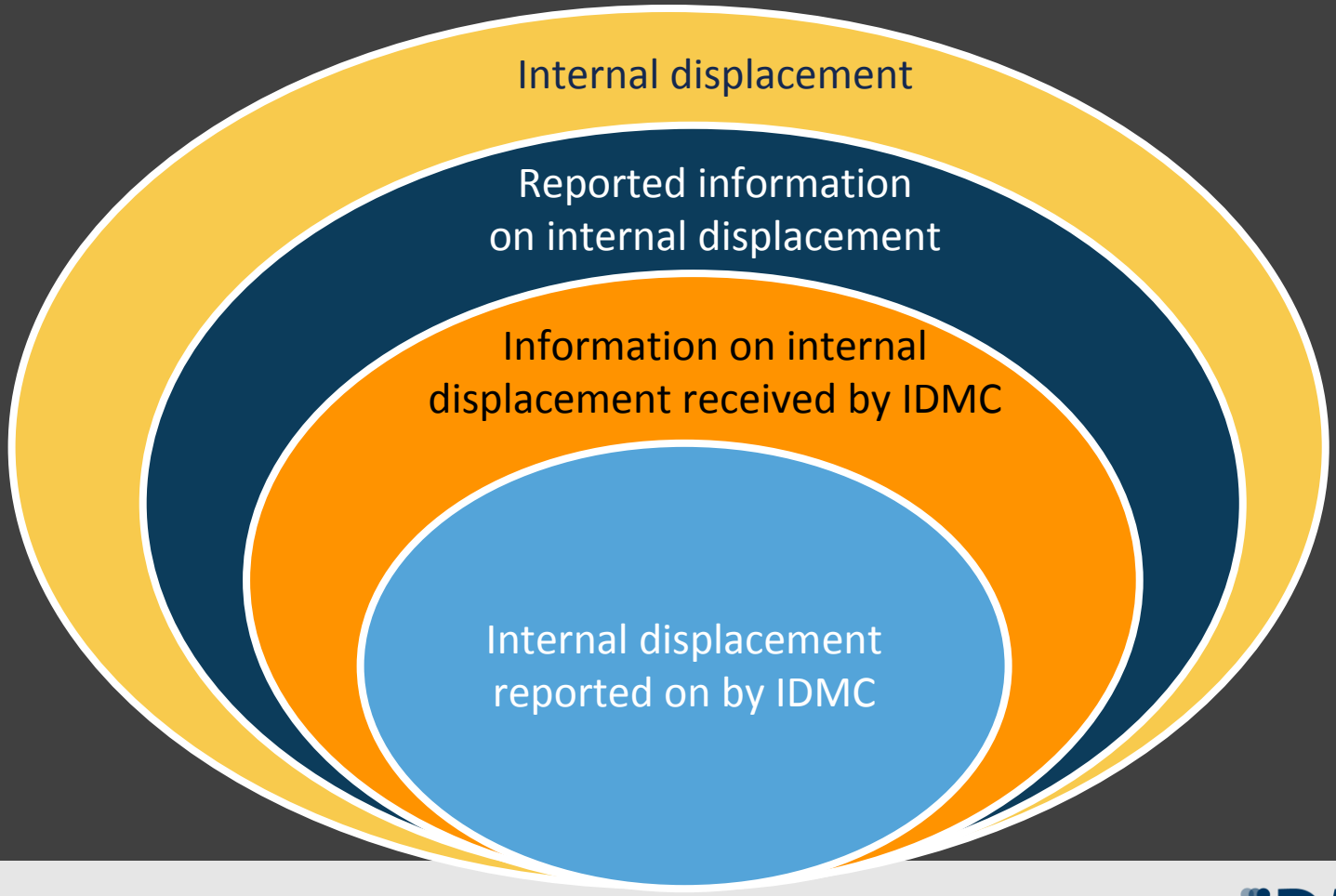

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Web scraping, text mining and Natural Language Processing

REAL-TIME DATA AND ANALYSIS

Can machine understand text?

africanews. EN NEWS

NEWS BUSINESS SPORT CULTURE SCIENCE &

As internally displaced persons reach nearly 1 million in Ethiopia, WHO reinforces medical supplies

https://www.africanews.com/2019/04/09/as-internally-displaced-persons-reach-nearly-1-million-in-ethiopia-who-reinforces-medical-supplies/

Publication Date: 09-04-2019 Status: url already in IDETECT DB Category: Conflict

☐ Fact #2

Unit: Person

The World Health Organization (WHO) in Ethiopia has dispatched experts and medical supplies in response to the needs of the internally displaced persons in the Gedeo and

regulating

Content provided by

The World Health Organiz
displaced persons in the G

According to official gover
West Guji zones in Februa

reliefweb LABS BLOG

HOME UPDATES COUNTRIES DISASTE

08 Apr 2019

WHO sends shipmen
supplies to Missan g

REPORT from World Health Organization

Published on 08 Apr 2019

WHO sends shipment of kits and medical supplies to Missan governorate [EN/AR] - Iraq

https://reliefweb.int/report/iraq/who-sends-shipment-kits-and-medical-supplies-missan-governorate-enar

Publication Date: N/A Status: url already in IDETECT DB Category: Conflict

☐ Fact #1

Tags: evacuated TERM 101 QUANTITY Missan LOC Baghdad LOC

Unit: Household

Locations: Missan

Vague reported figure: N/A

Specific reported figure: 101

Term: Evacuated

☐ Fact #2

Tags: affected TERM Missan LOC

Unit: Person

Locations: Missan

Vague reported figure: N/A

Specific reported figure: N/A

Term:

which has led to the migration of residents, damage to property, death of livestock and destruction of agricultural crops in many villages and marshlands. About 328726 populations are at risk. Cities and villages affected are: Ali al-Gharbi, al-Msharrah, Hay al-Muaalemeen al-Jadeed, al-Salam, al-Faka, al-Btaira, al-Teeb, al-Adil, al-Maymouna, al-Uzair and al-Kahlaa. Areas seriously threatened are villages west of the Tigris River (Hor Al-Musandak) along Ali al-Gharbi, Ali al-Sharqi and Qamit. 545 families are displaced with another 2000 families threatened with displacement. The Government coordinated multi-sectoral efforts, supervised and supported relief operations, established 5 camps, and coordinated with Iraqi Army forces and civil defense to send helicopters to evacuate people trapped in flooded areas. With the situation quickly evolving, 101 QUANTITY families in some villages were evacuated TERM to a camp in a neighboring village. EXCERPT In response to the crisis, the WHO country office in Iraq has been coordinating very closely with the Missan Directorate of Health. WHO kept high level coordination and collaboration with the Directorate of Health in Missan through medical operations and specialized services. said Dr. Adham Ismail, acting WHO Representative in Iraq. WHO acted promptly in responding to monitoring the floods and receiving regular reports, it assessed water quality and access to clean water and monitored cases of acute diarrhea. Further, WHO has shared information with the Development Coordination Office at UNAMI and all United Nations partner agencies in Basra, particularly with UNICEF Water and Sanitation Unit, and supported the Directorate with 30 Basic Interagency Emergency Health Kit and trauma kits to cover a population of 100000 for one month. WHO will continue its efforts in

Baghdad 8 April 2019 – Responding to the needs of the Directorate of Health in Missan following the recent floods that hit the area, WHO, with the generous support of donors, sent a large consignment of emergency kits and medical supplies on 4 April to support the Directorate, 304 kilometers south east of Baghdad.

Content Format:

News and Press Release

Step 1: identification of the need

Scale-it up globally?

India relocates 10,000 from Kashmir as tensions rise

By Mukhtar Ahmad, Sophia Saifi and Tiffany Ap, CNN

Updated 1805 GMT (0205 HKT) October 3, 2016

Story highlights

Pakistan and India exchange gunfire Saturday morning

Tensions escalate after Indian strikes earlier this week

Editor's Note: *Are you in Kashmir? Have you been affected by the attacks? If it's safe to do so, WhatsApp us on +44 7435 939 154 to share your photos, experiences and video. Please tag #CNNiReport in your message.*

Srinagar, India (CNN) — India has relocated more than 10,000 people from around the disputed border area of Kashmir as tensions escalated this week with Pakistan.

The two nations exchanged gunfire Saturday morning, with each of the nuclear neighbors accusing the other of provocation.

Simrandeep Singh, magistrate of Jammu District in India, accused Pakistani troops of firing across the Line of Control in two separate incidents. There were no fatalities, according to Singh.

When?

What?

How many?

Where?

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Step 2: workflow definition

Filtering and tagging

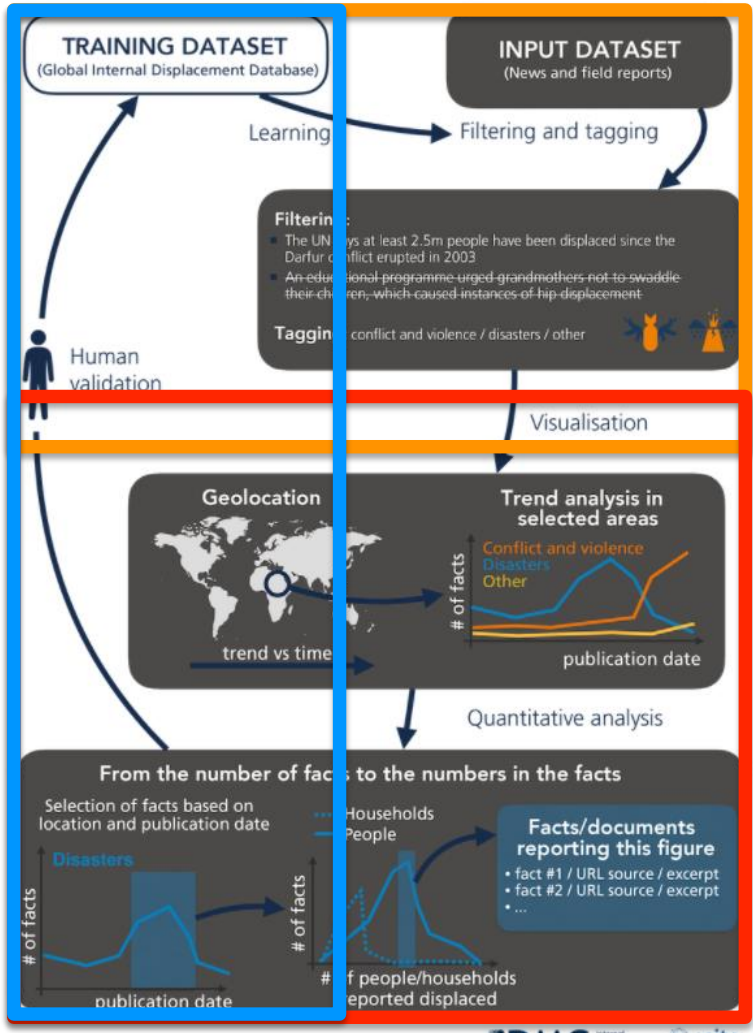
Information extraction

Validation

From active information search

To supervised information extraction

It can potentially be extended/adapted to monitor anything



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Step 3: Let's hack!

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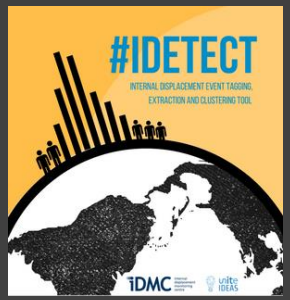
A global displacement monitoring platform



Media

Hazard monitoring

Conflict events

Social media

..and more

IDMC displacement monitoring platform

IDMC monitoring team, external partners

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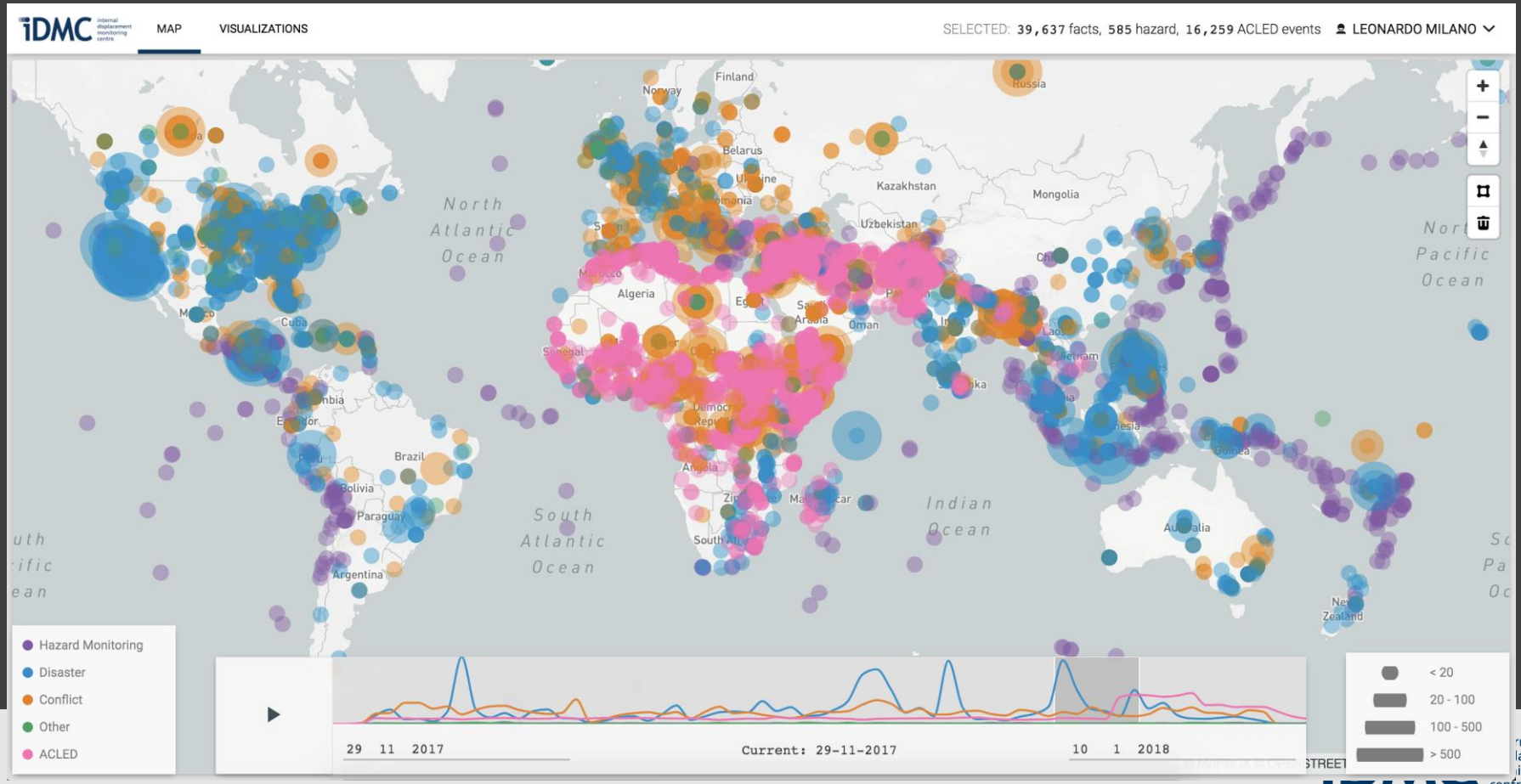
Step 4: Customisation of the solution



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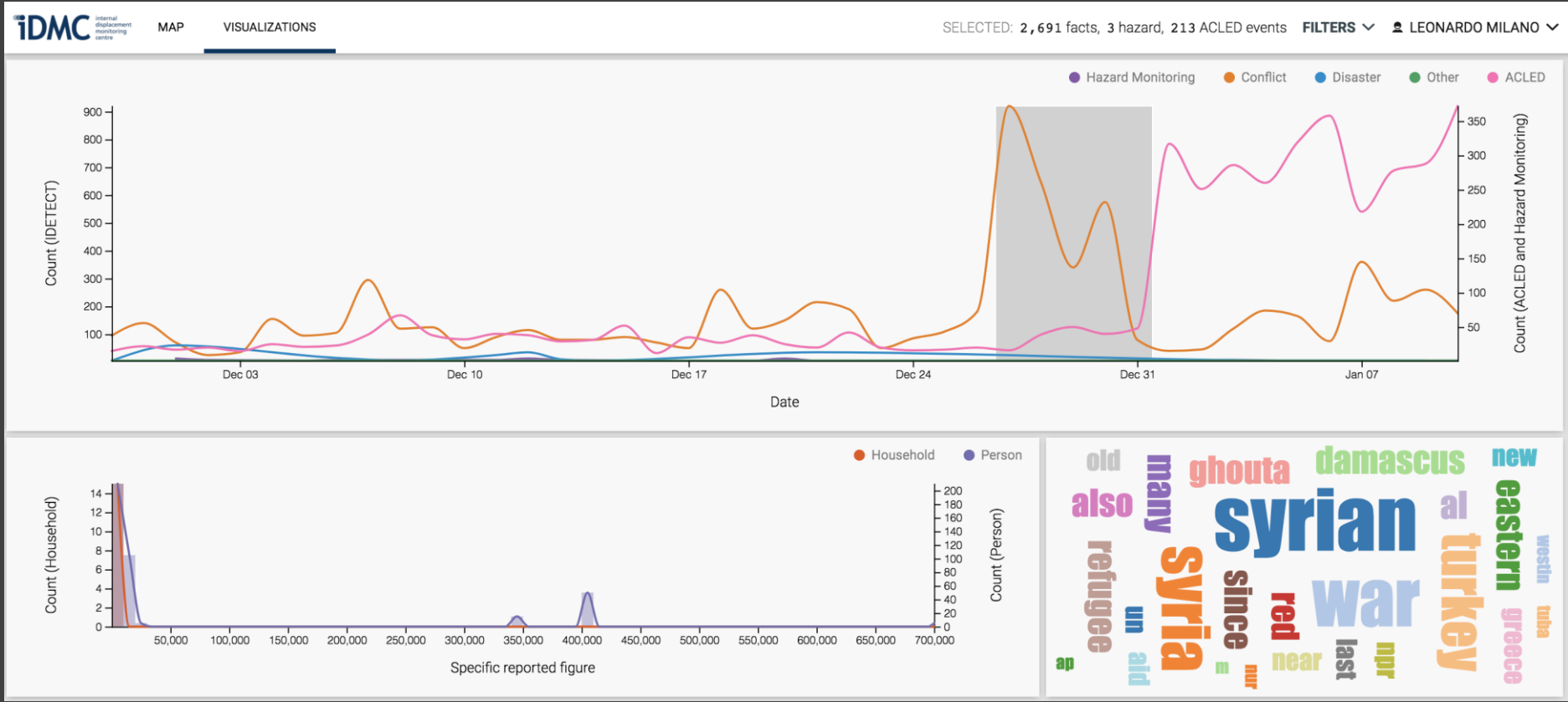

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IDETECT(0) | HAZARD MONITORING(0) | ACLED(0)

EXPORT SELECTED ENTRIES

TEXT CONTAINS Flood earthquake SEARCH

PUBLISHED AT	SOURCE	TITLE	CATEGORY	UNIT	SRF	VRG	LOCATION	TERM	STATUS	MISSING	WRONG	ASSIGNED TO	SELECT
26-12-2017	reliefweb.int	Iraq - Conflict ETC User Feedback Survey report (Survey period 26/11/17 to 10/12/17)	Conflict	Person	700,000		Iraq	Displaced	Select an option	Select option(s)	Select option(s)	Select an option	☐

SOURCE: https://reliefweb.int/report/iraq/iraq-conflict-etc-user-feedback-survey-report-survey-period-261117-101217

TEXT:

The humanitarian crisis in Iraq remains one of the largest and most volatile in the world. The pace of displacement over the past three years is nearly without precedent. In 2014, over 2.5 million civilians were displaced in Iraq; in 2015, more than an additional 1 million were forced to flee. During the past year, nearly 700,000 QUANTITY people in areas impacted by the conflict with the Islamic State of Iraq LOC and the Levant (ISIL) have been newly displaced TERM . EXCERPT The surge in violence between armed groups and government forces has resulted to over 3 million internally displaced persons (IDPs) across Iraq and left more than 11 million in need of humanitarian assistance. Since August 2014, the ETC has been providing vital shared communications services to the entire humanitarian community to support their activities on the ground. The Emergency Telecommunications Cluster (ETC) Iraq conducted a User Feedback Survey in December 2017 to assess the quality of the services delivered by the ETC in common operational areas across the Kurdistan Region of Iraq and in Ninewa governorate. The survey was also used to encourage humanitarians to provide feedback to identify areas of improvement in line with evolving needs on the ground. The results will help the ETC better understand the needs of humanitarians responding to this emergency and adapt its activities.

27-12-2017	news24.com	In new shift, France urges Syria transition without Assad	Conflict	Person	320,000		Syria	Displaced	Select an option	Select option(s)	Select option(s)	Select an option	☐
27-12-2017	alaraby.co.uk	One dead after 4.2 quake hits near Iran	Disaster	Person	300,000		Iran	Homeless	Select an option	Select option(s)	Select option(s)	Select an option	☐

https://monitoring.internal-displacement.org/

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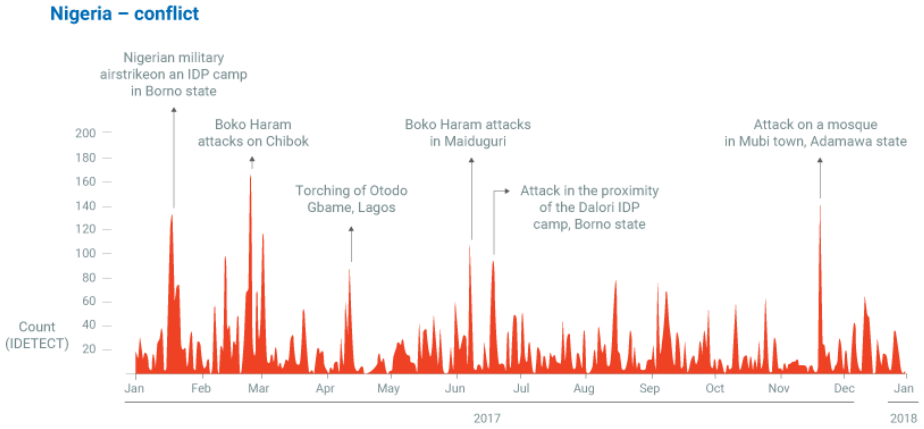
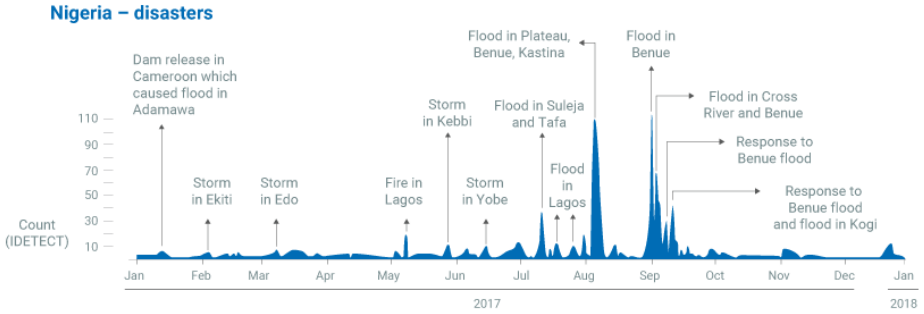
A way to quickly detect new displacement events





Next steps:

- More sources
- More languages
- More partners

Open source code at

https://github.com/idmc-labs/idetect

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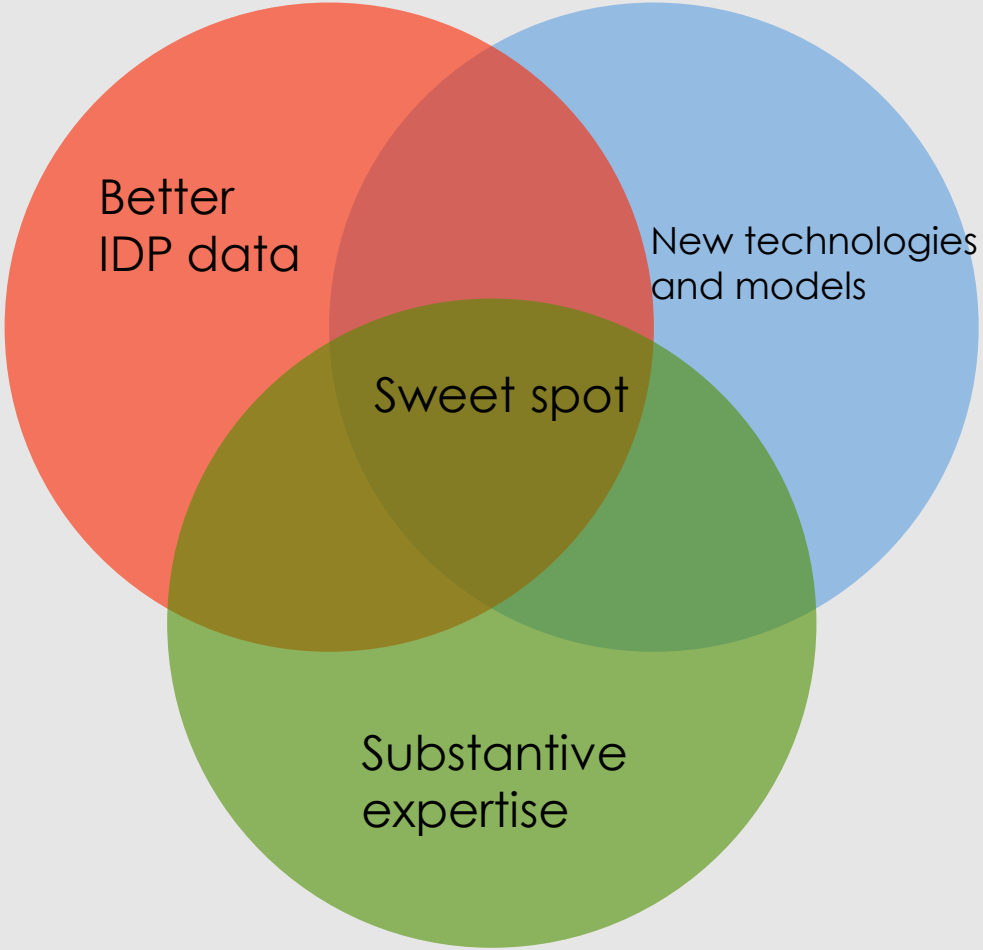
Summary



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THANK YOU !

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www.internal-displacement.org