

12-3-2012

Visualizing Digital Collections at Archive-It

Michele C. Weigle

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Visualizing Digital Collections at Archive-It

Michele C. Weigle, Michael L. Nelson

Web Sciences and Digital Libraries (WS-DL) Lab
Department of Computer Science
Old Dominion University
Norfolk, VA

Archive-It Partners Meeting
December 3, 2012

WS-DL at ODU



Memento protocol
MementoFox



ResourceSync



ArchiveFacebook



WARCreate

Exploring Archive-It Collections

ARCHIVE-IT

HOME EXPLORE LEARN MORE CONTACT US

A web archiving service to harvest and preserve digital collections a service of the Internet Archive

Explore >> Columbia University Libraries >> Human Rights

Center for Human Rights Documentation & Research

Human Rights
Collected by: Columbia University Libraries

Archived since: May, 2008

Description: An initiative of CU's Center for Human Rights Documentation and Research, the Human Rights Web Archive is an effort to preserve and ensure access to freely available human rights resources created mainly by non-governmental organizations, national human rights institutions, and individuals.

Subject: Society & Culture, Human rights, Non-governmental organizations, Human rights workers, National human rights institutions, Web archives

More ▾

Narrow Your Results

Group

- Amnesty International sections (48)
- Elogs by individuals (6)
- National human rights institutions (71)
- Non-governmental organizations (356)
- Truth commissions, tribunals, and courts (12)

Subject

- Human rights (396)
- Human rights advocacy (191)
- National human rights institutions (72)
- Civil rights (46)
- Democracy (40)

More ▾

Creator

- Asociacio 'n Paz con Dignidad (3)
- Anti Caste Discrimination Alliance (2)
- Argentina. Defensor del Pueblo de la Nacio 'n. (2)
- Asian Human Rights Commission (2)
- Beogradski centar za ljudska prava (2)

More ▾

Language

Sites Search Page Text

Enter search terms here Search Clear

Page 1 of 6 (505 Total Results) Next Page ▶

Sort By: Title (A-Z) | Title (Z-A) | URL (A-Z) | URL (Z-A)

Title: Anti Caste Discrimination Alliance ACDA
URL: <http://acda.co/>
Description: UK-focused organization based in Derby, working to eliminate caste-based discrimination. In English. New site; see www.acdauk.org.uk/ for older site. Captured 4 times between Oct 13, 2011 and Jun 2, 2012
Subject: Discrimination, Caste, Caste-based discrimination, East Indians

More ▾

Title: Advocacy Forum--Nepal
URL: <http://advocacyforum.org/>
Description: Nepal-focused organization based in Kathmandu. Includes reports. In English. Captured 14 times between Sep 3, 2010 and Jun 3, 2012
Videos: 4 Videos Captured
Subject: Human rights, Rule of law, Human rights advocacy

More ▾

Human Rights

<http://archive-it.org/collections/1068>

List of Web Pages

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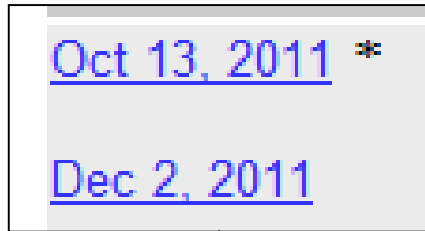
Videos: 4 Videos Captured

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More ▾

<http://archive-it.org/collections/1068>

Archived Versions of acda.co



Center for
Human Rights
Documentation
& Research

Human Rights Web Archive (Columbia University Libraries)



Enter Web Address: All

Searched for <http://acda.co/>

[Look up URL](#) in general Internet Archive web collection

4 Results [RSS](#) [Metadata](#)

[Proxy Mode Help](#)

Drag the cursor around the area you want to capture.

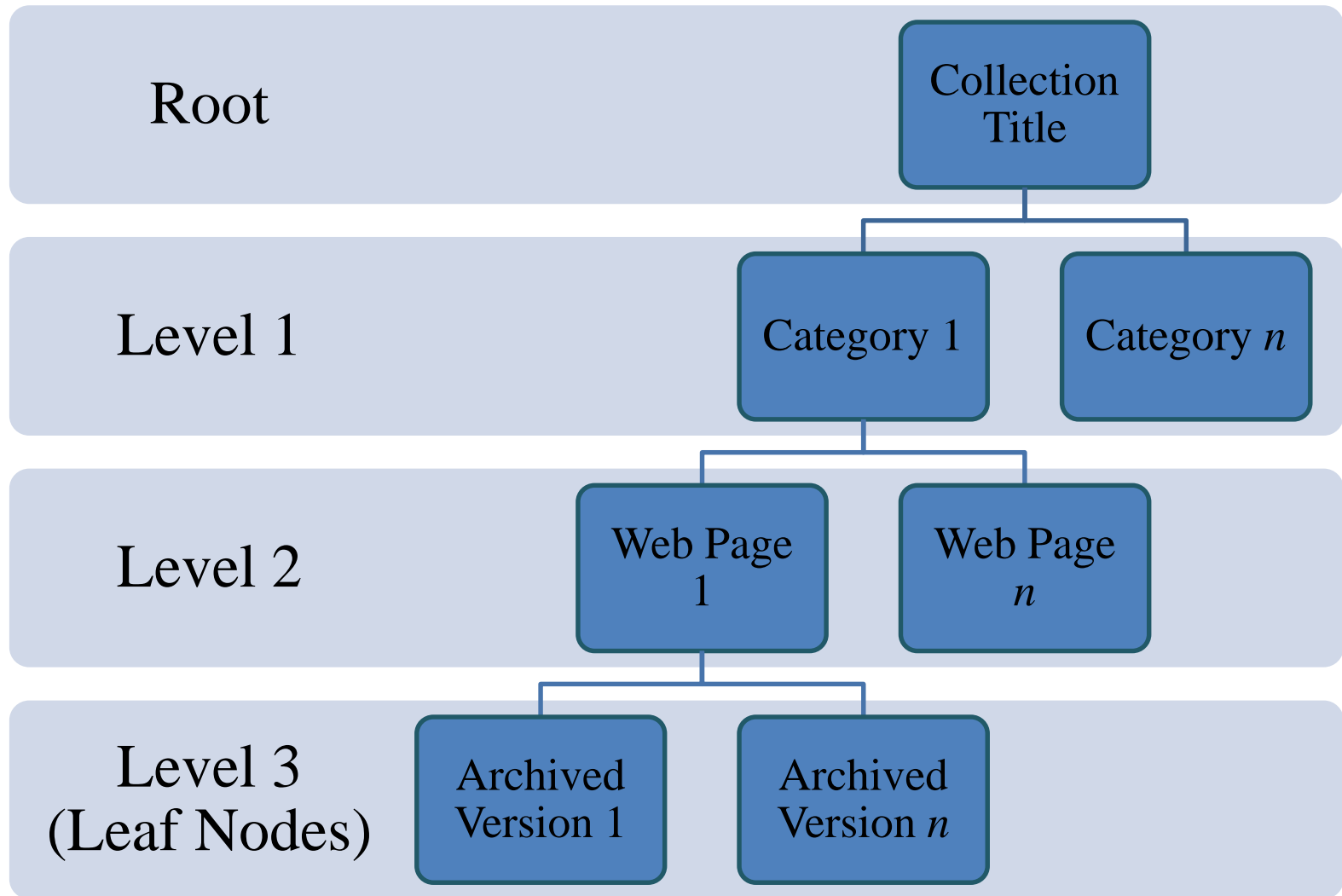
* denotes when page was updated

Found 4 Captures between Oct 13, 2011 - Jun 2, 2012

2011	2012
2 pages	2 pages
Oct 13, 2011 *	Mar 2, 2012
Dec 2, 2011	Jun 2, 2012

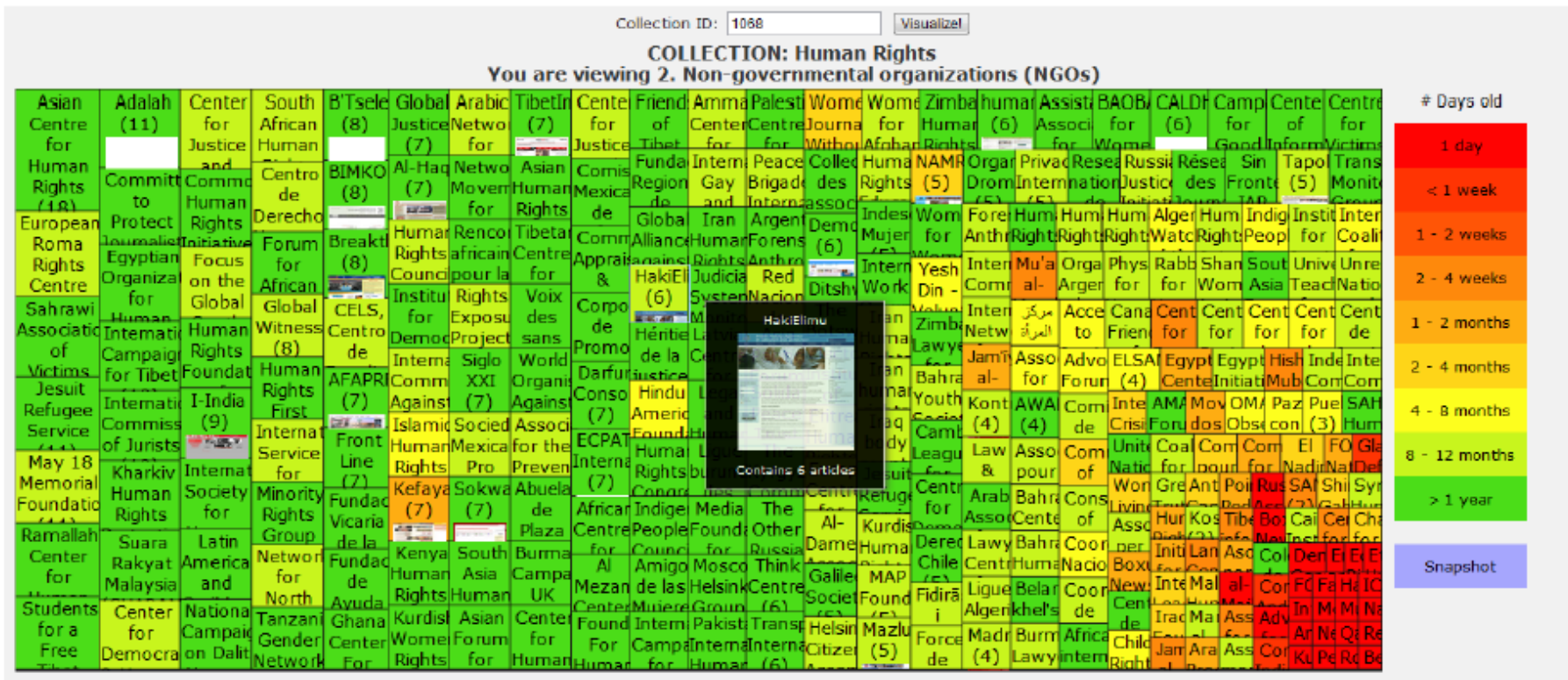
http://wayback.archive-it.org/1068/*/http://acda.co/

Archive-It Collection Hierarchy



Prototype Visualizations

- Treemap



K. Padia, Y. AlNoamany and M. C. Weigle, "Visualizing Digital Collections at Archive-It," In Proceedings of the ACM/IEEE Joint Conference on Digital Libraries (JCDL). June 2012.

Prototype Visualizations

- Treemap
- Time cloud



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Prototype Visualizations

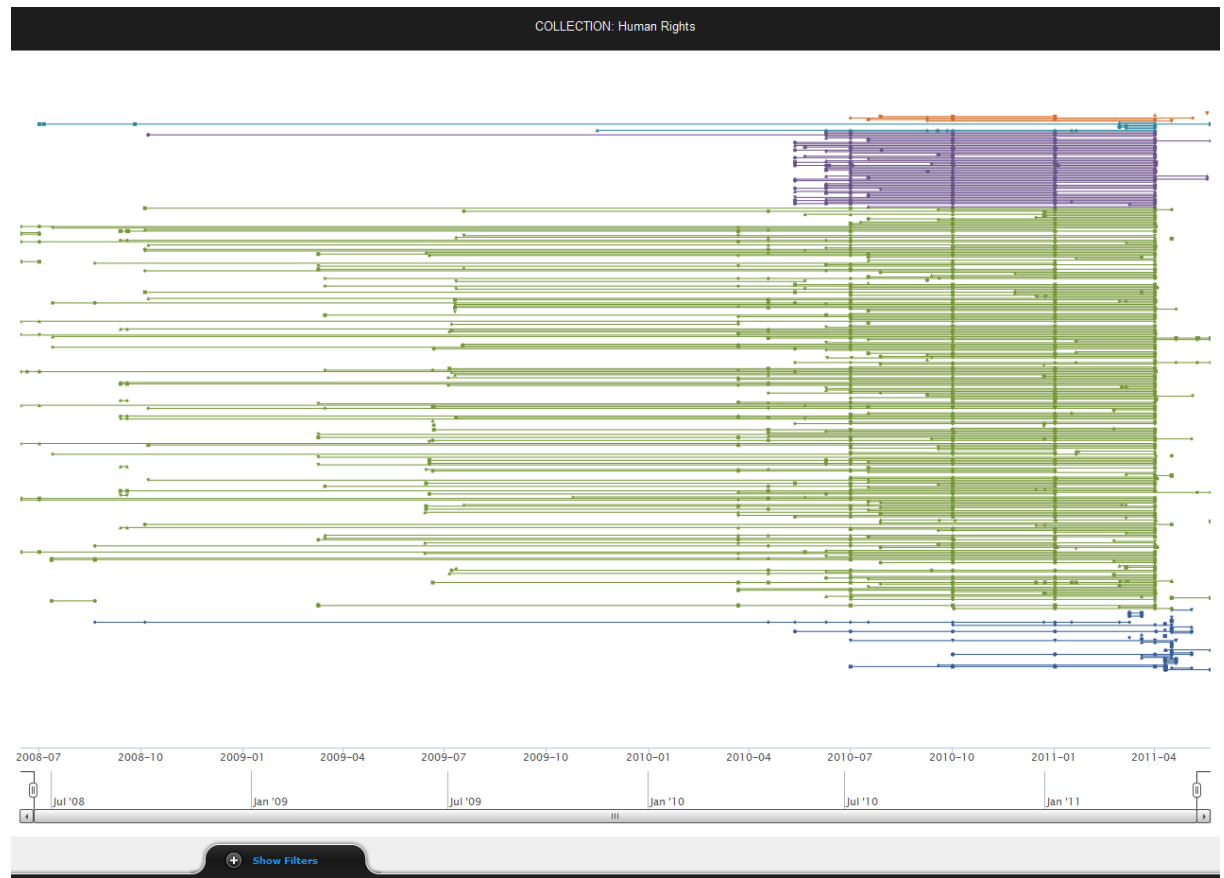
- Treemap
- Time cloud
- Image plot



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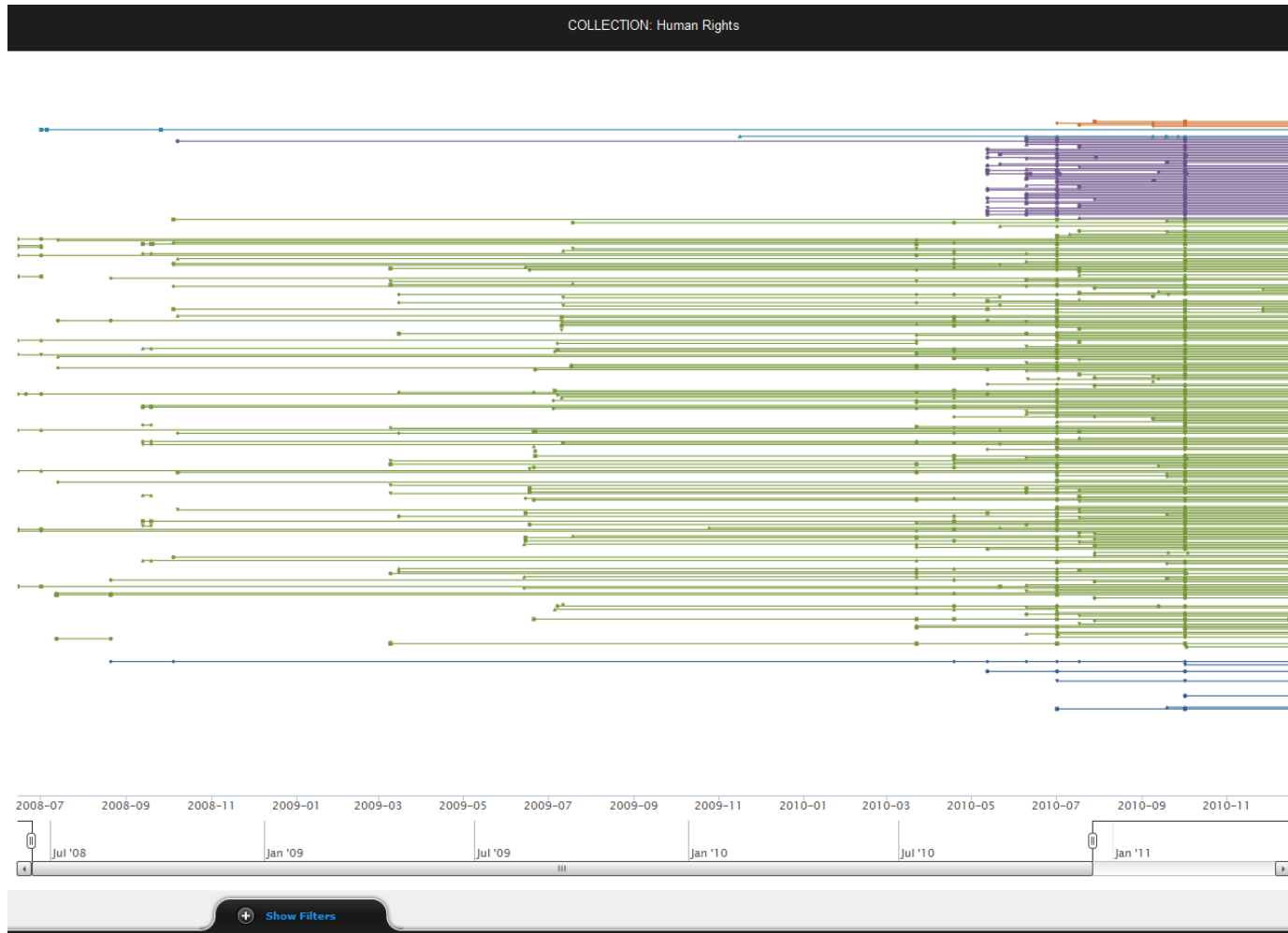
Visualizations

- Treemap
- Time cloud
- Image plot
- Wordle
- Timeline

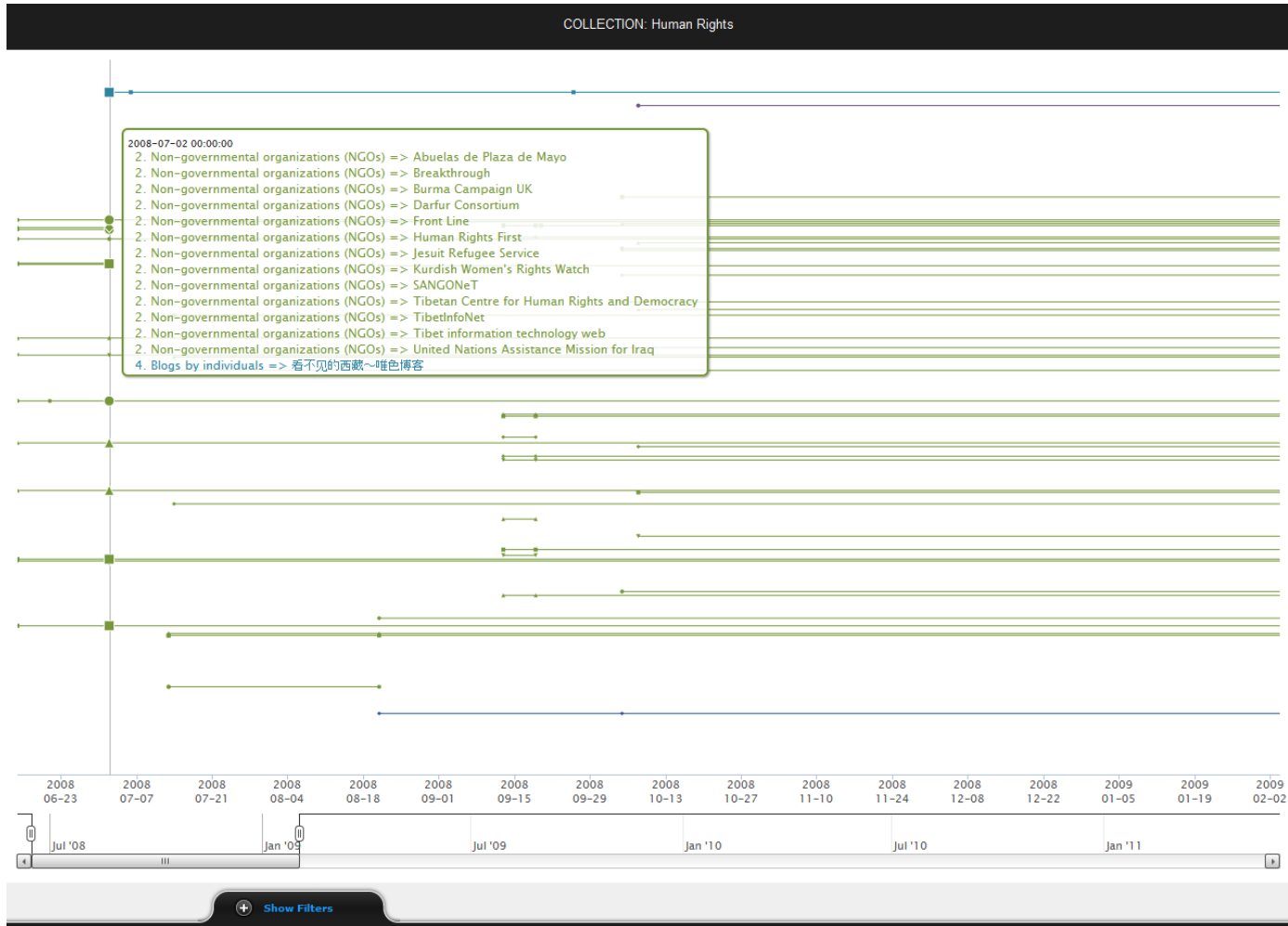


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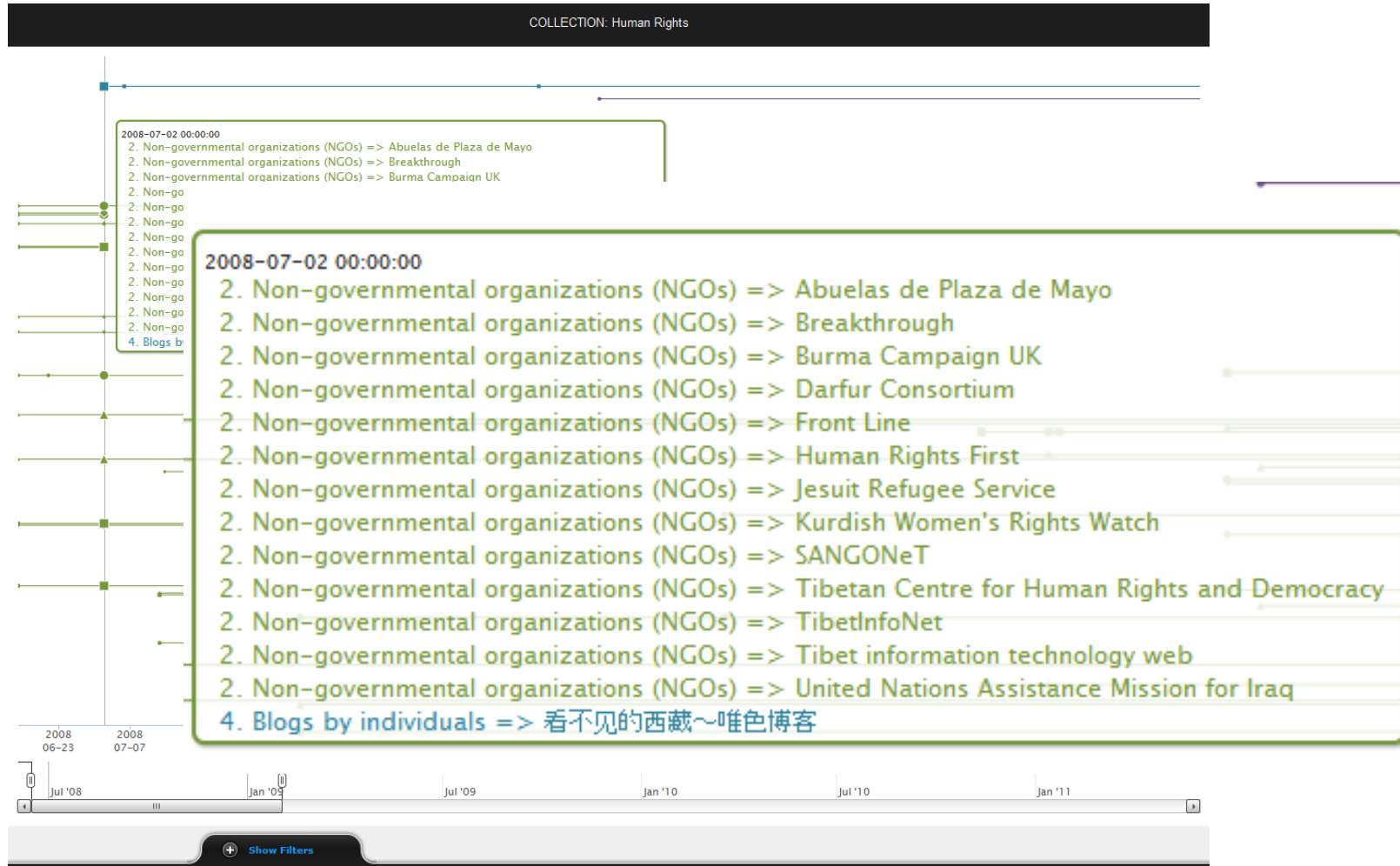
Collection Building and Growth



Collection Building and Growth



Collection Building and Growth



Some Collections Have Metadata

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Sites for this collection are listed below. Narrow your results at left, or enter a search query below to find a site, specific URL or to search the text of archived webpages.

Enter search terms here

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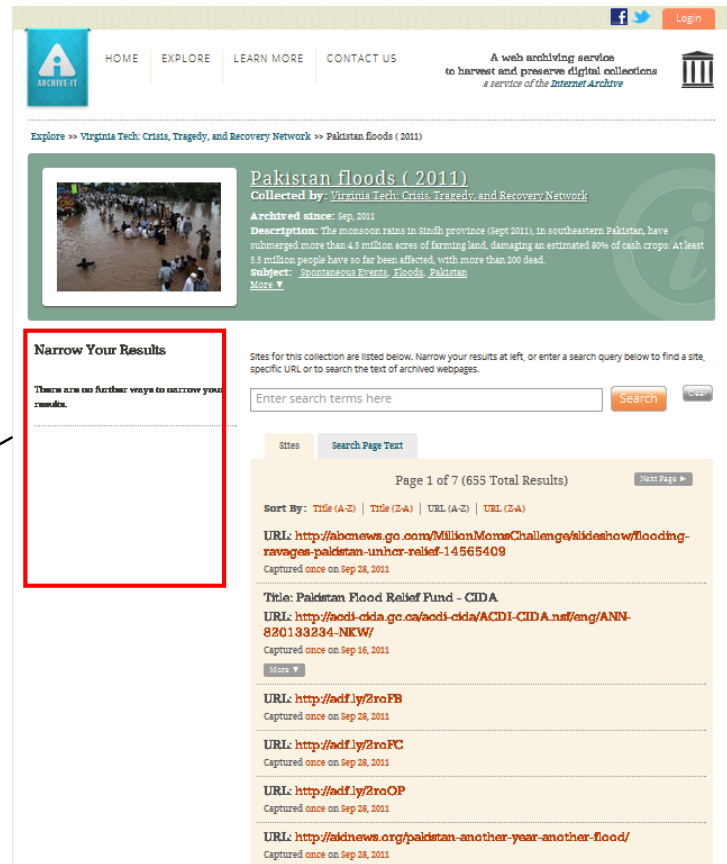
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<http://archive-it.org/collections/1068>

Some Collections Do Not

Narrow Your Results

There are no further ways to narrow your results.



ARCHIVE-IT HOME EXPLORE LEARN MORE CONTACT US A web archiving service to harvest and preserve digital collections a service of the Internet Archive

Explore >> Virginia Tech: Crisis, Tragedy, and Recovery Network >> Pakistan Floods (2011)

Pakistan floods (2011)
Collected by: Virginia Tech: Crisis, Tragedy, and Recovery Network

Archived since: Sep, 2011
Description: The monsoon rains in Sindh province (Sept 2011), in southeastern Pakistan, have submerged more than 4.9 million acres of farming land, damaging an estimated 80% of cash crops. At least 9.8 million people have so far been affected, with more than 200 dead.
Subject: Spontaneous Events, Floods, Pakistan
More ▾

Narrow Your Results

There are no further ways to narrow your results.

Sites for this collection are listed below. Narrow your results at left, or enter a search query below to find a site, specific URL, or to search the text of archived webpages.

Enter search terms here

Search Page Text

Page 1 of 7 (655 Total Results)

Sort By: Title (A-Z) | Title (Z-A) | URL (A-Z) | URL (Z-A)

URL: <http://abcnews.go.com/MillionMomsChallenge/mkideshow/flooding-ravages-pakistan-unhcr-relief-14565409>
Captured once on Sep 28, 2011

Title: Pakistan Flood Relief Fund - CIDA
URL: <http://aodi-cida.gc.ca/aodi-cida/ACDI-CIDA.nsf/eng/ANN-820133234-NEW/>
Captured once on Sep 16, 2011
More ▾

URL: <http://adf.ly/2roFB>
Captured once on Sep 28, 2011

URL: <http://adf.ly/2roFC>
Captured once on Sep 28, 2011

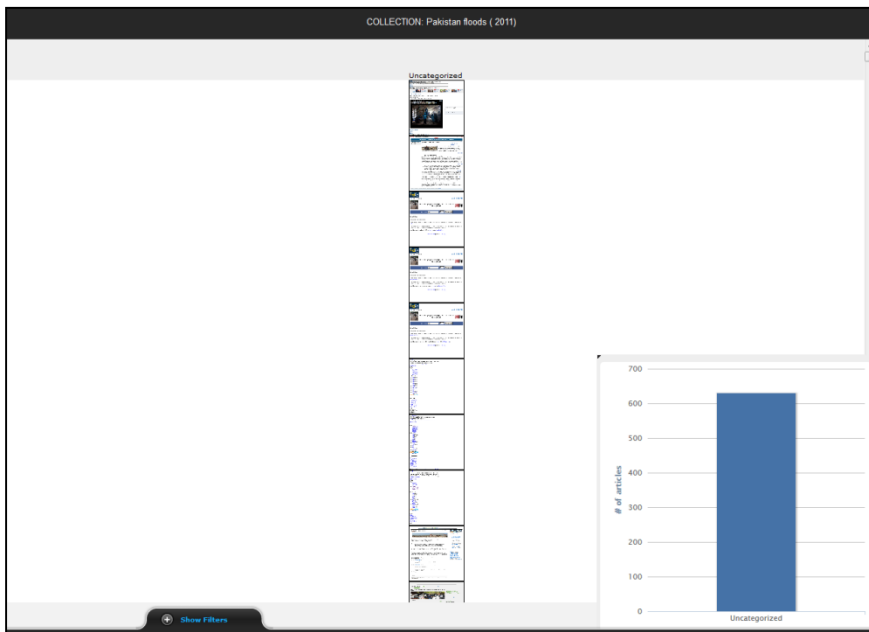
URL: <http://adf.ly/2roOP>
Captured once on Sep 28, 2011

URL: <http://aknews.org/pakistan-another-year-another-flood/>
Captured once on Sep 28, 2011

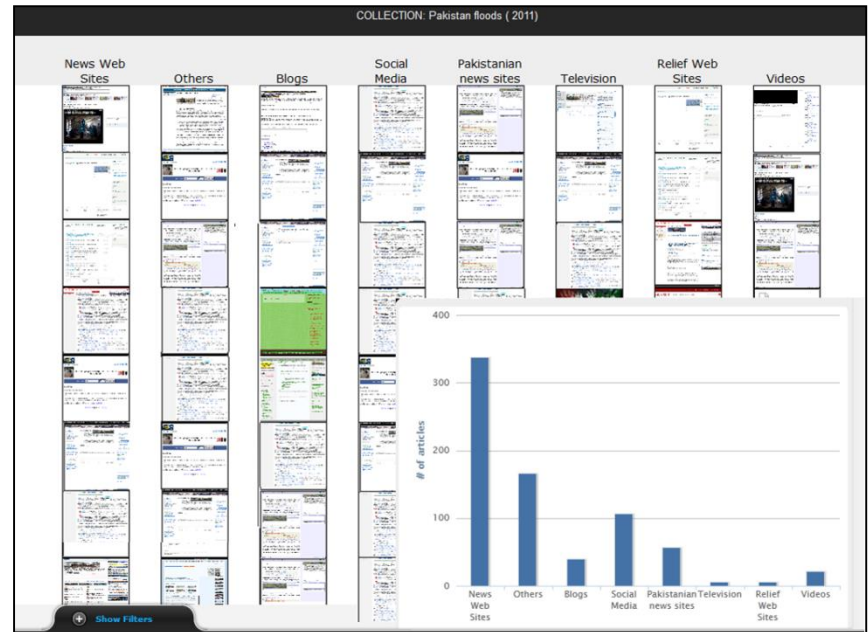
<http://archive-it.org/collections/2836>

Prototype Re-Categorization

Pakistan Flood Collection
(no categorization)



After our rule-based categorization



Interested?

Michele Weigle
mweigle@cs.odu.edu

- We're applying for a NEH Digital Humanities Implementation Grant
 - partnering with Archive-It
 - proposal due Jan 2013
- Need participants from the humanities and Archive-It partner community
 - advisory board members - agree to serve as evaluators and provide us with feedback
 - write letters of support