University of San Diego
Digital USD

Digital Initiatives Symposium

May 2nd, 1:00 PM - 1:45 PM

Collection & community building through web archiving: engaging with faculty and students in a collaborative web archiving project

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Collection & community building through web archiving: engaging with faculty and students in a collaborative web archiving project

Presenter 1 Title

Librarian for Digital Collections

Session Type

45-minute concurrent session

Abstract

Tisch Library at Tufts University has recently begun a pilot web archiving project, aiming to deepen Tufts' collections in areas of strategic importance and support more "traditional" library collection development activities, while collecting material that is not known to be comprehensively collected by other institutions. Additionally, the project offers an opportunity for collaborative collection building with faculty and students that serves as a unique way to deepen our community's engagement with the library.

The initial pilot collection focuses on environmental justice, selected due to its relevance to the Tufts community and curriculum and to build on existing Tisch Library collection strengths. Two undergraduate courses related to environmental justice were identified and invited to partner in the pilot project. This partnership would leverage student research to expand the initial collection while introducing students to concepts of web archiving and information literacy around websites and providing them with the opportunity to contribute to shaping the scholarly record. Both courses added a brief assignment to their syllabus: while doing research on their chosen topics, students would identify 3-7 web sites they felt would benefit from preservation and submit the sites to the library, to be evaluated and added to the web archive as appropriate.

This presentation discusses the process of beginning a subject-based web archiving project, focusing on the collaborative project with two undergraduate classes. It addresses decisions made when starting and scoping the project; collection development issues; the logistics, benefits, and outcomes of the student and faculty collaboration; and future directions.

Location

KIPJ Room EF

Keywords

web archiving, outreach, collaboration, collection development, digital collections, undergraduates

This 45-minute concurrent session is available at Digital USD: https://digital.sandiego.edu/symposium/2017/2017/2

Collection & community building through web archiving: engaging with faculty and students in a collaborative web archiving project

ANDREA SCHULER, LIBRARIAN FOR DIGITAL COLLECTIONS

TISCH LIBRARY, TUFTS UNIVERSITY

MAY 2, 2017

Agenda for today

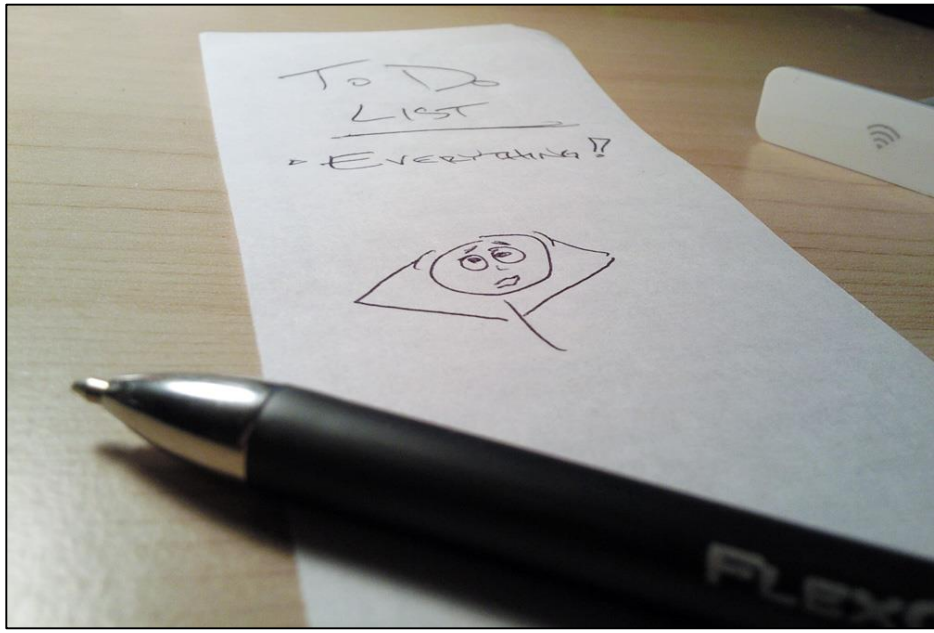
Intro to a subject-based web archiving project

Scoping & collection development strategies

Logistics, benefits & outcomes of a student and faculty collaboration project

Concerns & evaluation

Future directions (???)



"5/4/2010: To-Do List" by john.schultz, via Flickr, CC BY-SA 2.0

What, and why?

What: A pilot subject-based web archiving project focused on environmental justice, and built in collaboration with two undergraduate classes

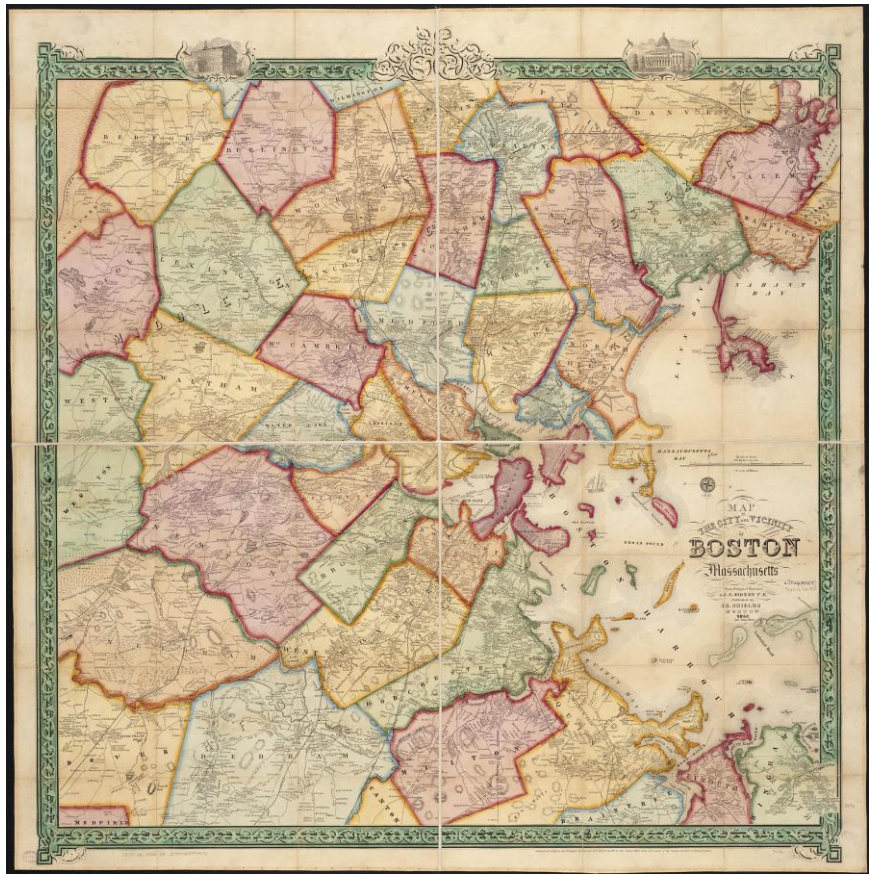
Why: goals of the project:

- To explore a new method of collecting born-digital content
- To deepen our collections in an area of strategic importance
- To contribute to the overall scholarly record by collecting material that is not known to be comprehensively collected by other institutions
- To pursue collaboration opportunities with faculty and students in order to increase engagement with our communities, contribute to student learning, and increase the project's output

Starting the project: scoping

Options: topically, geographically, by type of resource

"This collection contains websites, blogs, and social media feeds of citizen groups and non-profit organizations who deal with environmental justice issues. Sites were selected based on their topical and geographic focus: the topical scope includes all environmental justice issues broadly, and currently, the geographic scope is limited to the City of Boston and the cities and towns that comprise Greater Boston. Sites hosted at other educational institutions or governmental sites that otherwise meet the selection criteria are not included."



"Map of the city and vicinity of Boston Massachusetts", 1853, via BPL

Choosing search terms

High level terms

Environmental justice *Climate justice*

Combined with geographic terms

Boston *Greater Boston* *Cambridge* *Somerville*

Plus reading on the subject

Led to more specific terms

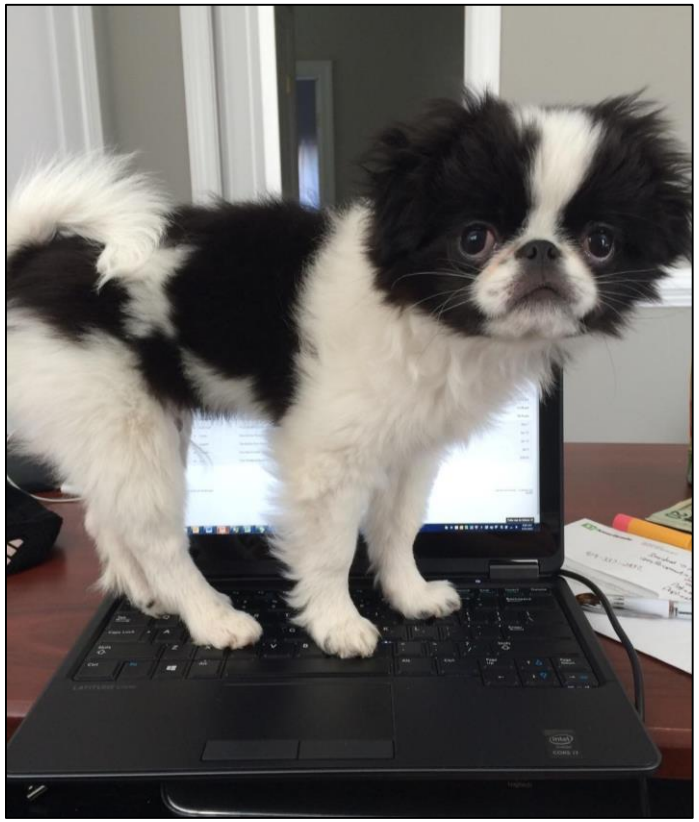
asthma *toxic waste* *flooding* *pipeline* *tree cover*

air pollution *Water pollution* *mercury* *water safety*

green space *food deserts* *lead poisoning* *climate change*

healthy food *inadequate transportation* *sea level*

Gathering seeds



Methods:

- Aggressive Googling
- Follow links from already-identified sites
- Search blog domains – e.g. site:wordpress.com or site: blogspot.com
- Look at Facebook pages of identified groups – “Pages liked by this page”

Considerations – ask yourself:

Who is responsible for the content?

What is the content – is it useful/important, or is there a lot of irrelevant content?

Is there unique information – only available on that site or only available online?

Is the content at risk?

Consider context – does the website stand alone, or do additional sites/documents need to be archived along with it?

Organization	Website	Crawl 1 results	Crawl 2 results
Alternatives for Community & Environment	http://ace-ej.org/	good	good
Chelsea Collaborative – Environmental Chels	http://www.chelse	site formatting & i	added domain for links in, site formatting & images still lost
Green Justice Coalition	http://massclu.org	good	good
Somerville Climate Action	http://www.somen	looks mostly okay	good
Boston Climate Action Network	http://bostoncan.c	needs to be recra	good
Watertown Citizens for Peace, Justice, and t	http://watertowncit	images not loadin	good
NOAH Chelsea Creek Action Group	http://noahcdc.org	4 "read more" link	same as crawl 1
Friends of the Malden River	https://maldenrive	need to add mald	good
Creation Coalition	http://creationcoa	good except for ir	same as crawl 1
Roxbury Safety Net	http://fairfoods.org/stopthebiolab/stc		good, though less useful without external links?
Fairmount Indigo Collaborative	http://fairmountco	looks good if you	same as crawl 1
City Growers	https://citygrowers.wordpress.com/		good
Stop the West Roxbury Lateral Pipeline	https://swrl.info/	good	good
Resist the Pipeline	http://www.resistthepipeline.org/		good
Environmental Justice at Tufts University blog	http://tuftsejaction.blogspot.com/		good, pull in Google+ profile
Tufts Climate Action	https://tuftsdivest.(	not added yet, pending DCA decision	
Groundwork Somerville	http://www.grounc	good	good

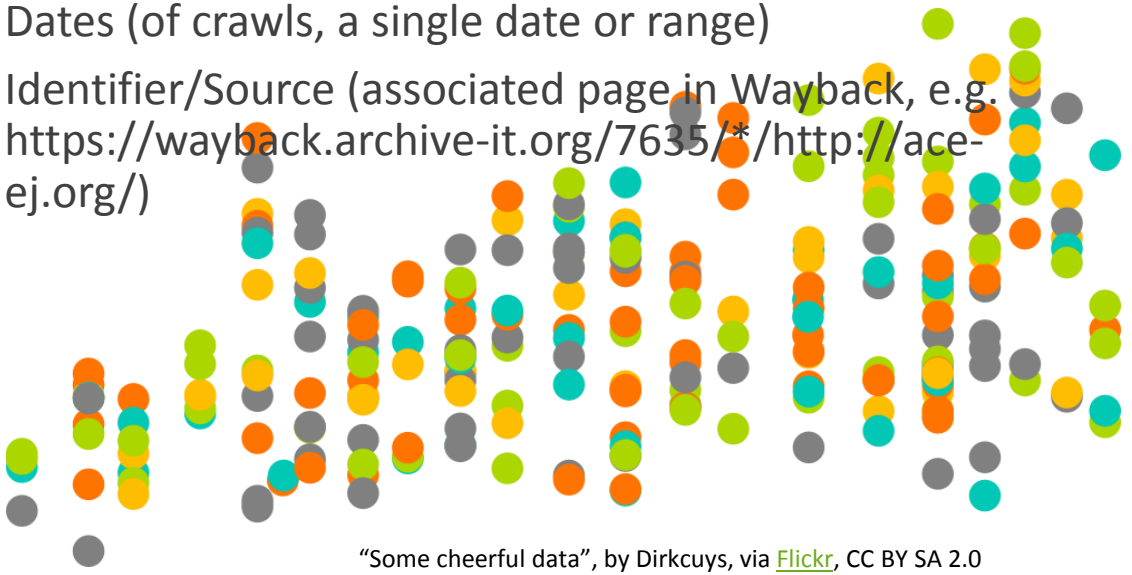
Metadata! (a work in progress)

At the collection level:

- Title
- Creator
- Description
- Publisher
- Dates (range of crawls)
- Identifier/Source (associated collection page in Archive-IT, e.g. https://archive-it.org/collections/7635)
- Rights
- Collector
- Language

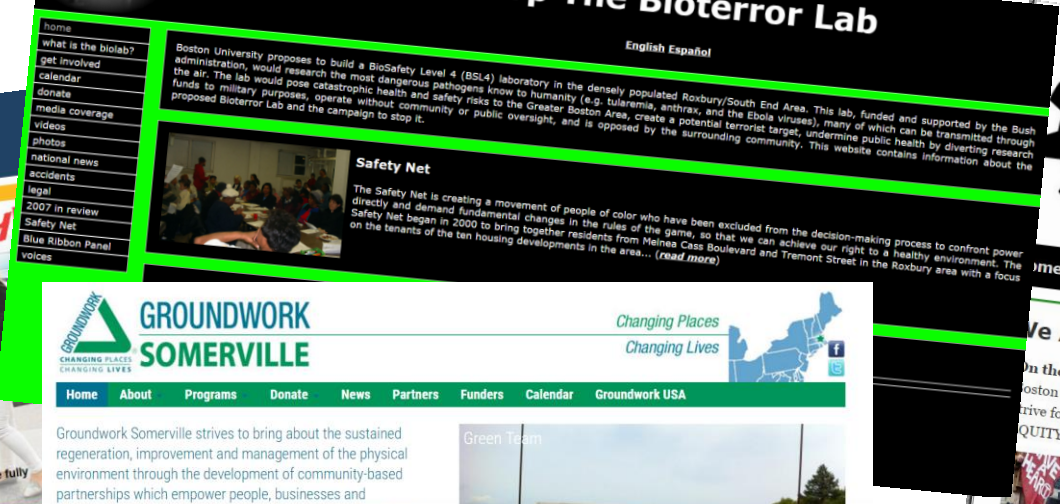
At the seed level:

- Title
- Creator
- Subject (LCSH)
- Description
- Dates (of crawls, a single date or range)
- Identifier/Source (associated page in Wayback, e.g. https://wayback.archive-it.org/7635/*/http://ace-ej.org/)

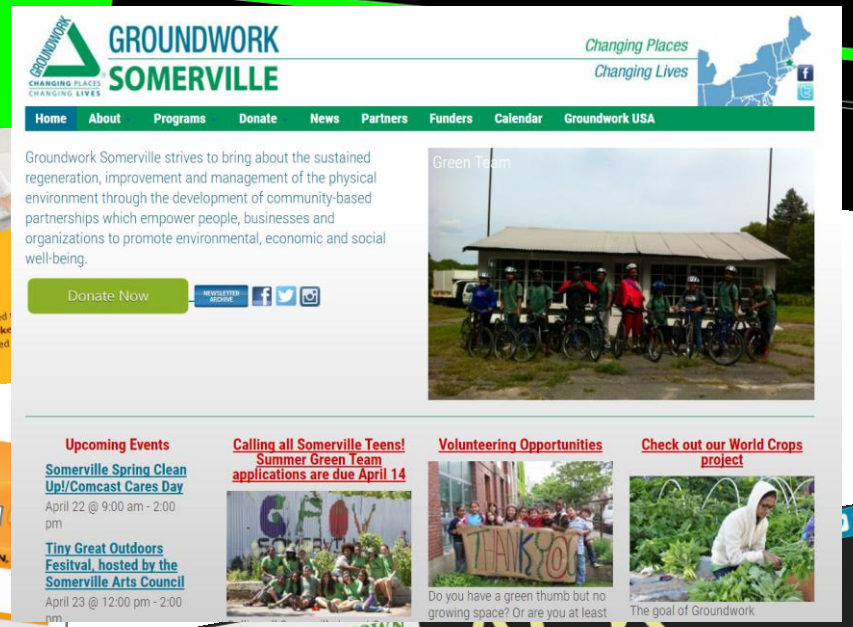


"Some cheerful data", by Dirkcuys, via Flickr, CC BY SA 2.0

ACE
alternatives for community & environment
building power for environmental justice
YOUTH PASS VICTORY
We won!
After nine years of youth-led organizing, our Youth Pass will be fully implemented in September 2016!
What's happening at ACE?

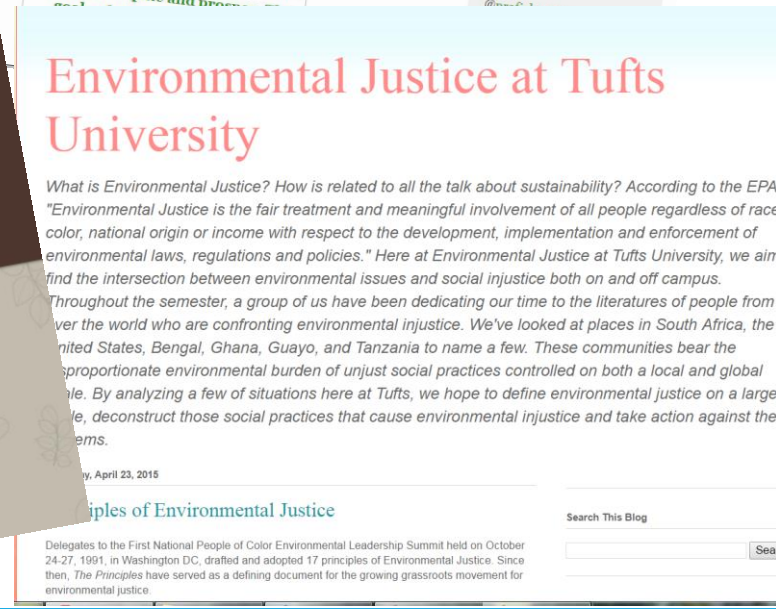

The Bioterror Lab
English Español
Boston University proposes to build a BioSafety Level 4 (BSL4) laboratory in the densely populated Roxbury/South End Area. This lab, funded and supported by the Bush administration, would research the most dangerous pathogens know to humanity (e.g. tularemia, anthrax, and the Ebola viruses), many of which can be transmitted through the air. The lab would pose catastrophic health and safety risks to the Greater Boston Area, create a potential terrorist target, undermine public health by diverting research funds to military purposes, operate without community or public oversight, and is opposed by the surrounding community. This website contains information about the proposed Bioterror Lab and the campaign to stop it.
Safety Net
The Safety Net is creating a movement of people of color who have been excluded from the decision-making process to confront power directly and demand fundamental changes in the rules of the game, so that we can achieve our right to a healthy environment. The Safety Net began in 2000 to bring together residents from Melnea Cass Boulevard and Tremont Street in the Roxbury area with a focus on the tenants of the tan housing developments in the area... (read more)

CLU
COMMUNITY LABOR UNITED
617-723-2639 FAX: 617-723-2480
6 BEACON STREET, ROOM 910 BOSTON,
Green Justice Campaign
Ensuring the 'Green Economy' includes everyone!
GREEN JUSTICE COALITION


GROUNDWORK SOMERVILLE
Changing Places
Changing Lives
Home About Programs Donate News Partners Funders Calendar Groundwork USA
Groundwork Somerville strives to bring about the sustained regeneration, improvement and management of the physical environment through the development of community-based partnerships which empower people, businesses and organizations to promote environmental, economic and social well-being.
Donate Now
Upcoming Events
Somerville Spring Clean Up!/Comcast Cares Day
April 22 @ 9:00 am - 2:00 pm
Tiny Great Outdoors Fesitval, hosted by the Somerville Arts Council
April 23 @ 12:00 pm - 2:00 pm
Calling all Somerville Teens! Summer Green Team applications are due April 14
Volunteering Opportunities
Check out our World Crops project

WATERTOWN CITIZENS FOR PEACE, JUSTICE AND THE ENVIRONMENT
BLACK LIVES MATTER
Hear
Learn
Listen
Understand
ABOUT
RESOURCES
ACT
Upcoming Events
Who We Are
Watertown Citizens for Peace, Justice and the Environment was founded in 1979 to protect the environment, promote sound environmental practices, oppose war and aggression, cultivate peace and security, and advocate for social and economic justice in our town and in the world. Watertown Citizens welcomes new members.
Hot Issues

ON THE MOVE
The Greater Boston Transportation Justice Coalition
About OTM
Take Action!
The Summit!
VOICES!
Agenda
Contact Us
We Are ON THE MOVE!
On the Move (OTM) is a coalition of nine community based organizations in greater Boston that came together in 2002 to advocate for transportation justice. We also strive for REAL TRANSIT EQUITY in the Greater Boston area. Here is a definition of EQUITY from our friends at PolicyLink.
Just and fair inclusion. An equitable society is one in which all can participate and prosp
DONATE TO THE SUMMIT!
Donate
Email Updates
you@domain.com
Subscribe
Latest Tweets
RT @HaasJrFund: Can We Tell a Different Story?
Must read by


Environmental Justice at Tufts University
What is Environmental Justice? How is related to all the talk about sustainability? According to the EPA "Environmental Justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin or income with respect to the development, implementation and enforcement of environmental laws, regulations and policies." Here at Environmental Justice at Tufts University, we aim find the intersection between environmental issues and social injustice both on and off campus. Throughout the semester, a group of us have been dedicating our time to the literatures of people from ver the world who are confronting environmental injustice. We've looked at places in South Africa, the nited States, Bengal, Ghana, Guayo, and Tanzania to name a few. These communities bear the sproportionate environmental burden of unjust social practices controlled on both a local and global le. By analyzing a few of situations here at Tufts, we hope to define environmental justice on a large le, deconstruct those social practices that cause environmental injustice and take action against the ems.
Principles of Environmental Justice
Search This Blog

Course collaboration

Environmental Justice, Security, and Sustainability

Women and Water: Fighting for Environmental Justice

Reaching out to faculty

Highlight benefits to the students

- experience with information literacy around websites
- exposure to web archives (a resource they're probably not familiar with)
- the opportunity to directly contribute to a scholarly project – especially important for undergrads who don't always have the opportunity to work on a "real-life" project

"Reach", by Erica, via Flickr, CC BY NC 2.0

Assignment design

5-page Literature Review Choose an issue in environmental justice that you are interested in and find a set of articles (or book) to review. Write a 5-page (2500-3500 words) paper reviewing this issue, providing an overview of the problem, data and evidence framing the issue, strategies and solutions pursued, and your own critical analysis of the methods and conclusions. Use the readings and themes from the course in your analysis. Try to find books and articles published in the last ten years. If you are reviewing articles, try to find at least 5 sources, with at least 3 from scholarly peer-reviewed sources. Grey literature (by government, think tanks, advocacy groups, and others) are acceptable for the remaining articles.

Collaboration proposal – how will this actually work?

Proposal: Collaborate with students in "Environmental Justice, Security, and Sustainability" to build and expand Tisch Library's pilot web archiving project focused on environmental justice.

Objectives: Leverage student research on a particular aspect of environmental justice to identify websites to add to the web archive, ensuring the sites' preservation for future researchers and practitioners; introduce students to concepts of web archiving and information literacy around websites; and provide students with the opportunity to directly contribute to a scholarly project.

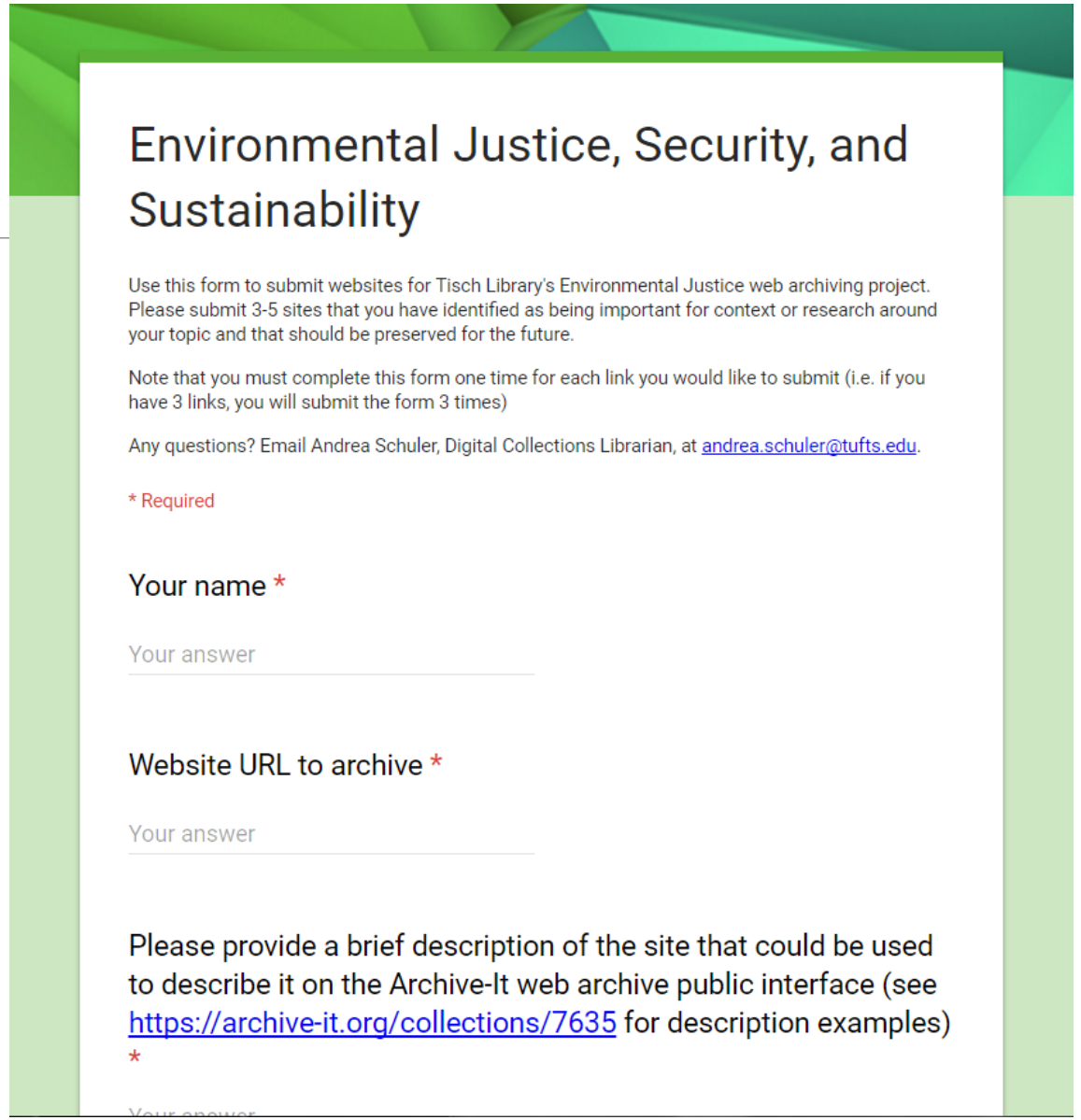
Possible workflow:

1. Students are given a brief introduction to the concept of web archiving, reasons why web archiving is important, and the Tisch EJ project.
2. In conjunction with the Literature Review assignment, students are instructed to identify three to five websites that they believe are important for context or research around their topic and that should be preserved for the future. Students will be given basic information about types of sites that are potentially appropriate for the project.
3. By December 15 (due date of the Literature Review assignment), students will submit their list of websites via a Google Form. The form will include a small amount of metadata for each site, including a brief description and a space for students to identify the importance of the site.
4. The Librarian for Digital Collections will evaluate the list of submitted sites for appropriateness, ability to be crawled for the archive, etc., and add to the web archive as applicable. Students will be able to visit the EJ collection web archive homepage to see their work live.

Link submission

Google form:

- Your name
- Website URL to archive
- Please provide a brief description of the site that could be used to describe it on the Archive-It web archive public interface (see https://archive-it.org/collections/7635 for description examples)
- Why do you think this site is important for the EJ movement?
- Is there anything else we should know about this site?



Environmental Justice, Security, and Sustainability

Use this form to submit websites for Tisch Library's Environmental Justice web archiving project. Please submit 3-5 sites that you have identified as being important for context or research around your topic and that should be preserved for the future.

Note that you must complete this form one time for each link you would like to submit (i.e. if you have 3 links, you will submit the form 3 times)

Any questions? Email Andrea Schuler, Digital Collections Librarian, at andrea.schuler@tufts.edu.

* Required

Your name *

Your answer

Website URL to archive *

Your answer

Please provide a brief description of the site that could be used to describe it on the Archive-It web archive public interface (see https://archive-it.org/collections/7635 for description examples) *

Presentation to students

What

Why

- Increasing amounts of content are available only online. It can disappear or change in an instant
- It's important for future researchers, practitioners, historians, the general public
- Stats on link rot

Wayback Machine vs. Archive-It

Considerations

- There are no right or wrong links
- Types of sites to consider
- Collection development considerations

How

Links were submitted! Now what?

Evaluate each link for relevance to the collection, quality of the site, any IP concerns, and ability to be crawled

Group sites into themes

Re-write scope to reflect expansion of the collection & to guide further scoping

Gather further seeds to flesh out each theme

"wp_fireworks_dual3", by richcianci, via Flickr, CC BY ND 2.0

Evaluation: benefits

The opportunity to engage with undergrads and faculty

Students learn about web archiving & information literary re: web sites

Faculty subject expertise

Students gathered links that might not come up in “environmental justice” searches

Submitted links helped illuminate important themes

Student-written descriptions saved time in metadata creation

Some excitement from the faculty & students

“Stars”, by Quinn Dombrowski, via Flickr, CC BY SA 2.0

Sept. 19, 2016 issue of The ExPress: Weekly ExCollege News & Ideas

Course Highlight

Each week, *The ExPress* gives readers a glimpse into subjects being taught at the ExCollege this semester. Contact us if you would like to see your class featured, or if you would like to read more about a topic being offered!

Women & Water: Fighting for Environmental Justice

This week we're excited to have Andrea Schuler, Librarian for Digital Collections at the Tisch Library joining us in class to talk about her work. Curious what Digital Collections and Environmental Justice have in common? Digital Collections are one way we can record what's transpiring with these issues so that researchers in the future will also have access to the same websites, blogs, and social media sources we have today. Collecting sources for the Tisch Digital Archives is part of the semester-long projects each student in our class will be working on. In addition to the digital archive work, each student will be working on a paper and presentation about the course topic. Students will choose their own story to research – whether it's a public figure like Rachel Carson (author of *Silent Spring*) or a more hidden story like the fight by four women to stop an oil refinery from being built in New Hampshire's Great Bay in the late 1970's.

Concerns

Is this random?

How to document collecting decisions

Scope creep – is it strictly environmental justice?

Privacy – should I ask for permission to crawl?

Rights

What are people going to use this stuff for?

"questions", by airpix, via Flickr, CC BY 2.0

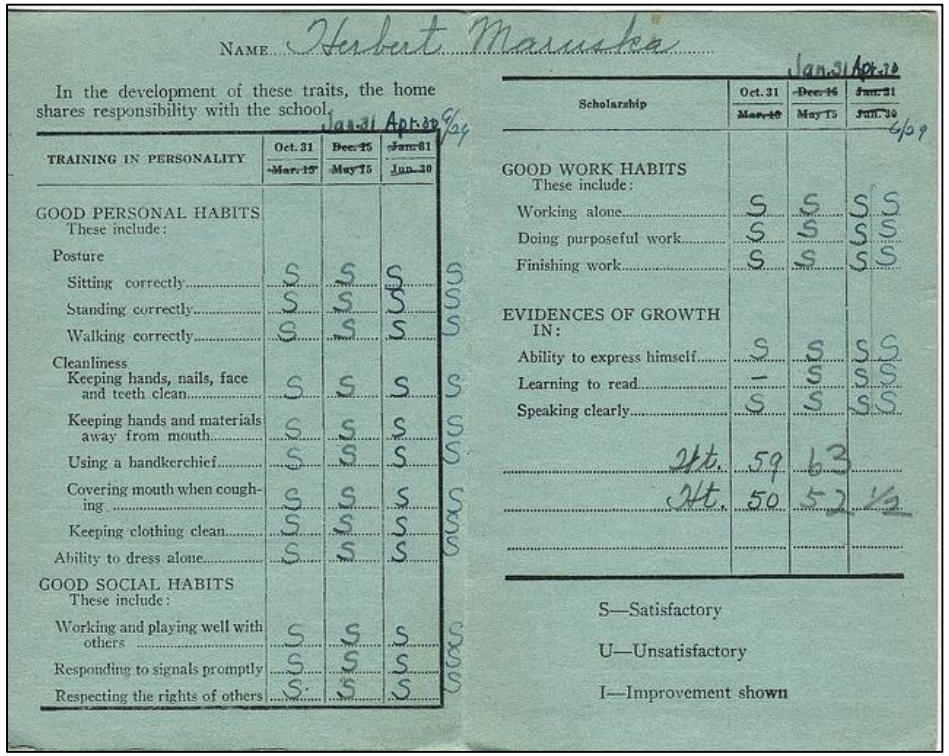
Evaluating the project overall

Did the collaboration project actually save me any time? Probably not

Did it find things I wouldn't have found otherwise? Absolutely

Was it successful overall? Yes

What would I change?



NAME Herbert Maruska

In the development of these traits, the home shares responsibility with the school.

TRAINING IN PERSONALITY	Oct. 31 ~~Mar. 15~~	~~Dec. 15~~ ~~May 15~~	~~Jan. 31~~ Jun. 30
GOOD PERSONAL HABITS These include:			
Posture			
Sitting correctly	S	S	S
Standing correctly	S	S	S
Walking correctly	S	S	S
Cleanliness			
Keeping hands, nails, face and teeth clean	S	S	S
Keeping hands and materials away from mouth	S	S	S
Using a handkerchief	S	S	S
Covering mouth when coughing	S	S	S
Keeping clothing clean	S	S	S
Ability to dress alone	S	S	S
GOOD SOCIAL HABITS These include:			
Working and playing well with others	S	S	S
Responding to signals promptly	S	S	S
Respecting the rights of others	S	S	S

Scholarship	Oct. 31 ~~Mar. 15~~	~~Dec. 15~~ May 15	~~Jan. 31~~ Jun. 30
GOOD WORK HABITS These include:			
Working alone	S	S	S S
Doing purposeful work	S	S	S S
Finishing work	S	S	S S
EVIDENCES OF GROWTH IN:			
Ability to express himself	S	S	S S
Learning to read	—	S	S S
Speaking clearly	S	S	S S
1½	59	62	
1½	50	52	½

S—Satisfactory

U—Unsatisfactory

I—Improvement shown

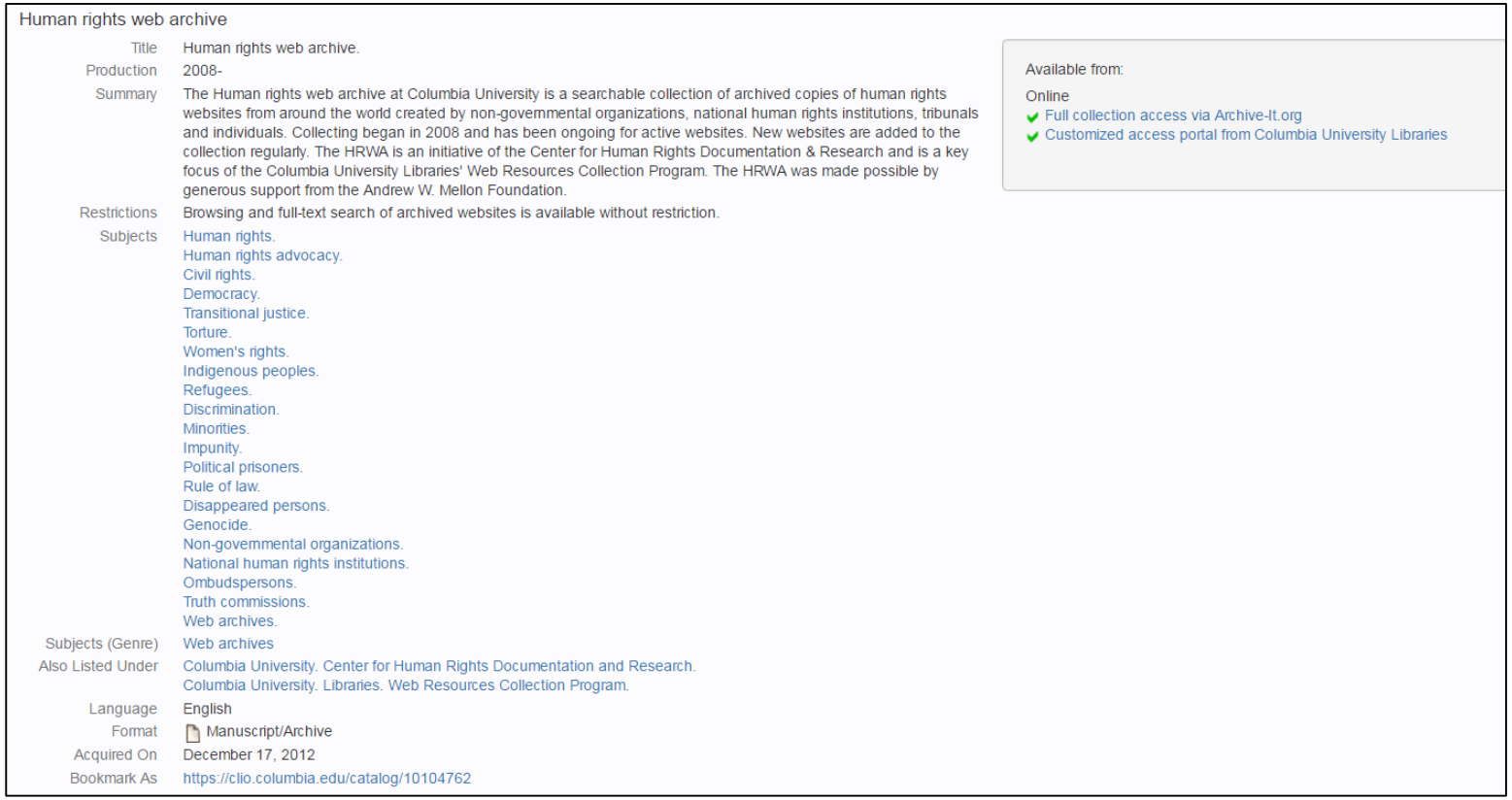
"PS 98 First Grade Report Card," by Herbert Maruska , via Flickr, CC BY NC 2.0

What next?

Provide better access to the collection. Some options:

- MARC records

Collection-level MARC record in Columbia's Clio catalog



Human rights web archive

Title	Human rights web archive.
Production	2008-
Summary	The Human rights web archive at Columbia University is a searchable collection of archived copies of human rights websites from around the world created by non-governmental organizations, national human rights institutions, tribunals and individuals. Collecting began in 2008 and has been ongoing for active websites. New websites are added to the collection regularly. The HRWA is an initiative of the Center for Human Rights Documentation & Research and is a key focus of the Columbia University Libraries' Web Resources Collection Program. The HRWA was made possible by generous support from the Andrew W. Mellon Foundation.
Restrictions	Browsing and full-text search of archived websites is available without restriction.
Subjects	Human rights. Human rights advocacy. Civil rights. Democracy. Transitional justice. Torture. Women's rights. Indigenous peoples. Refugees. Discrimination. Minorities. Impunity. Political prisoners. Rule of law. Disappeared persons. Genocide. Non-governmental organizations. National human rights institutions. Ombudspersons. Truth commissions. Web archives.
Subjects (Genre)	Web archives
Also Listed Under	Columbia University. Center for Human Rights Documentation and Research. Columbia University. Libraries. Web Resources Collection Program.
Language	English
Format	Manuscript/Archive
Acquired On	December 17, 2012
Bookmark As	https://clio.columbia.edu/catalog/10104762

Available from:

Online

- Full collection access via Archive-It.org
- Customized access portal from Columbia University Libraries

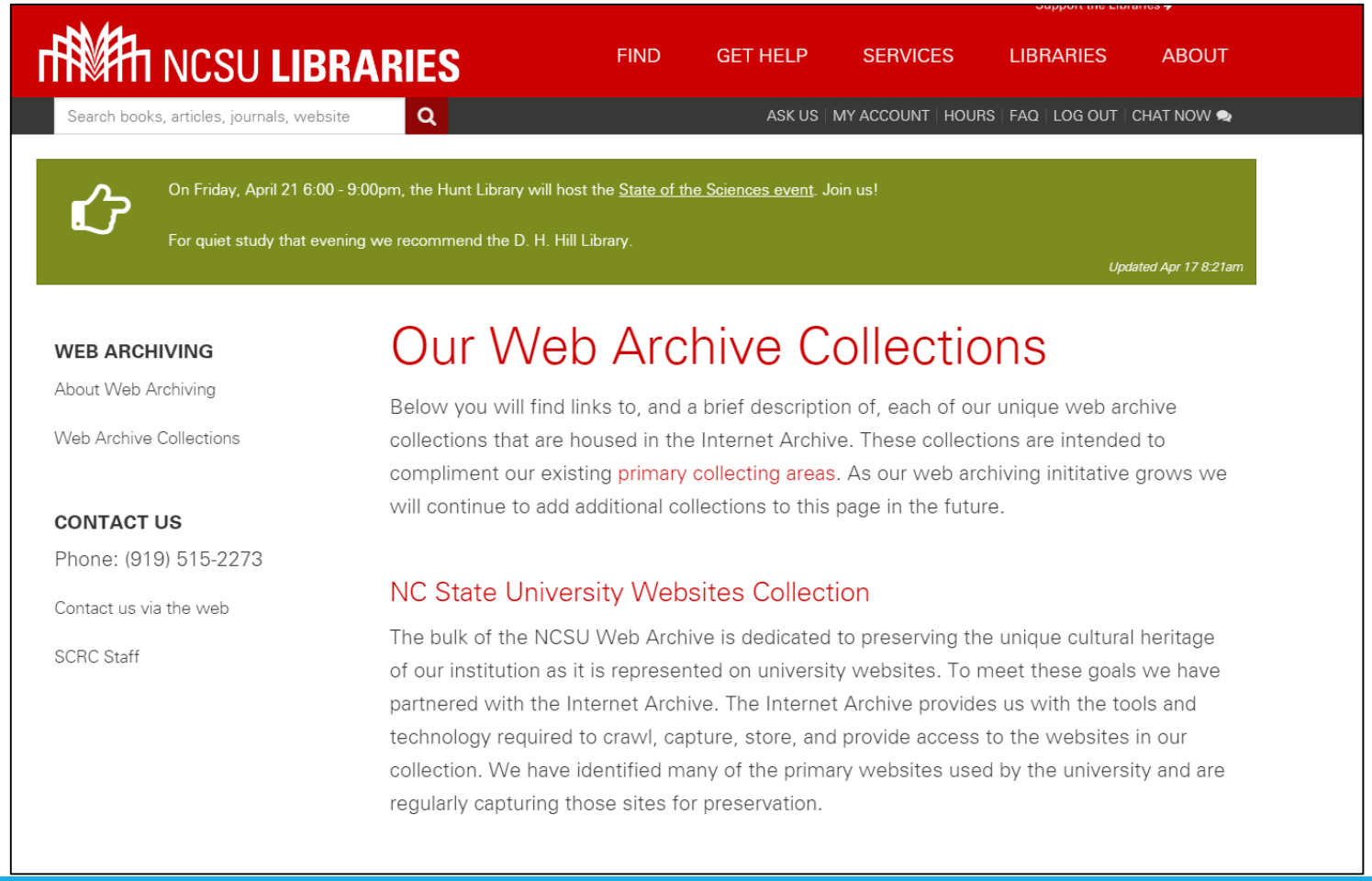
What next?

Provide better access to the collection. Some options:

- MARC records
- Webpage on the library site contextualizing the collection & linking to Archive-It, or a custom-built portal

NC State page explaining web archiving, their collection activities, and links to collections

https://www.lib.ncsu.edu/web-archiving/collections



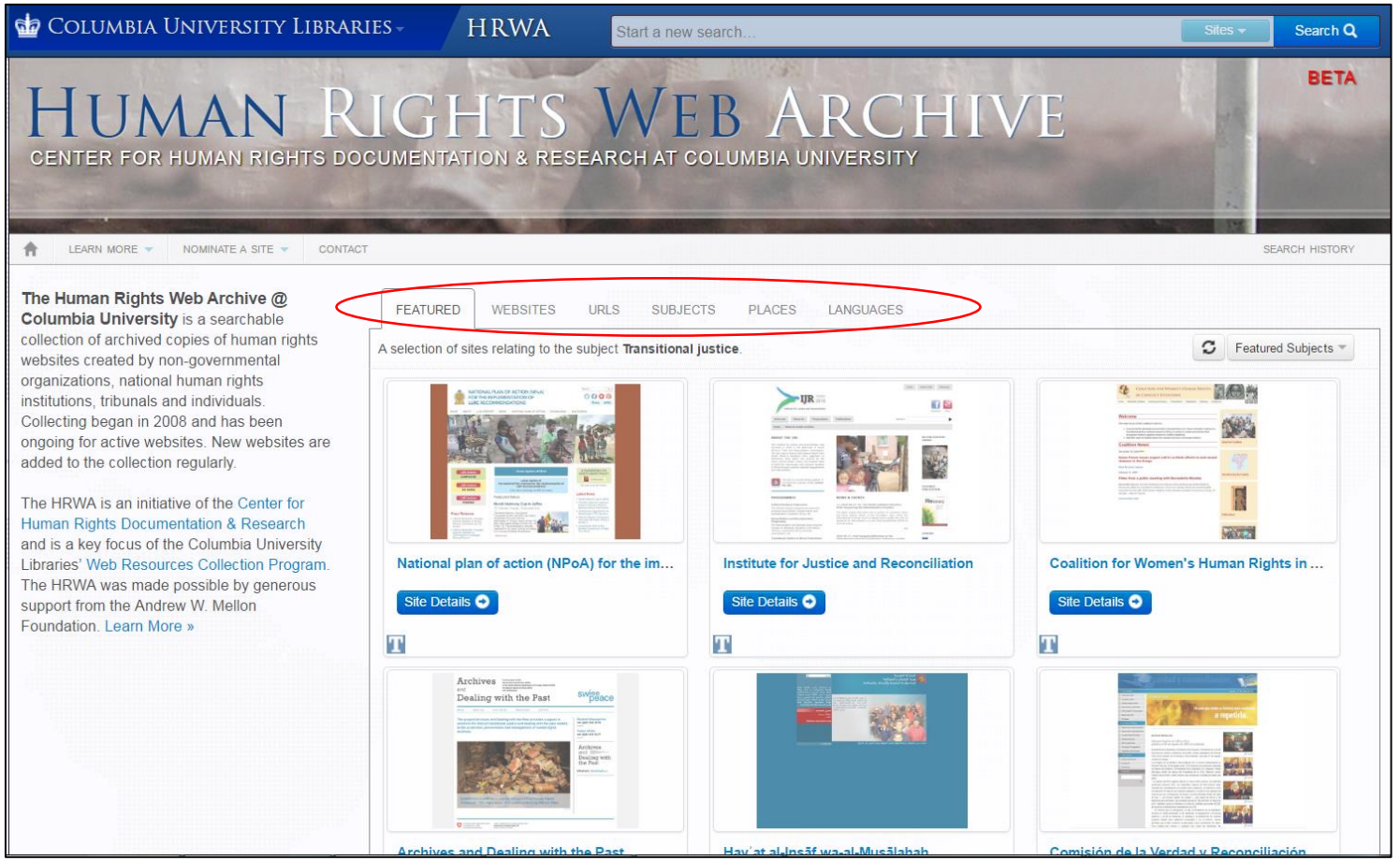
What next?

Provide better access to the collection. Some options:

- MARC records
- Webpage on the library site contextualizing the collection & linking to Archive-It, or a custom-built portal

Columbia Human Rights Web Archive portal

https://hrwa.cul.columbia.edu/



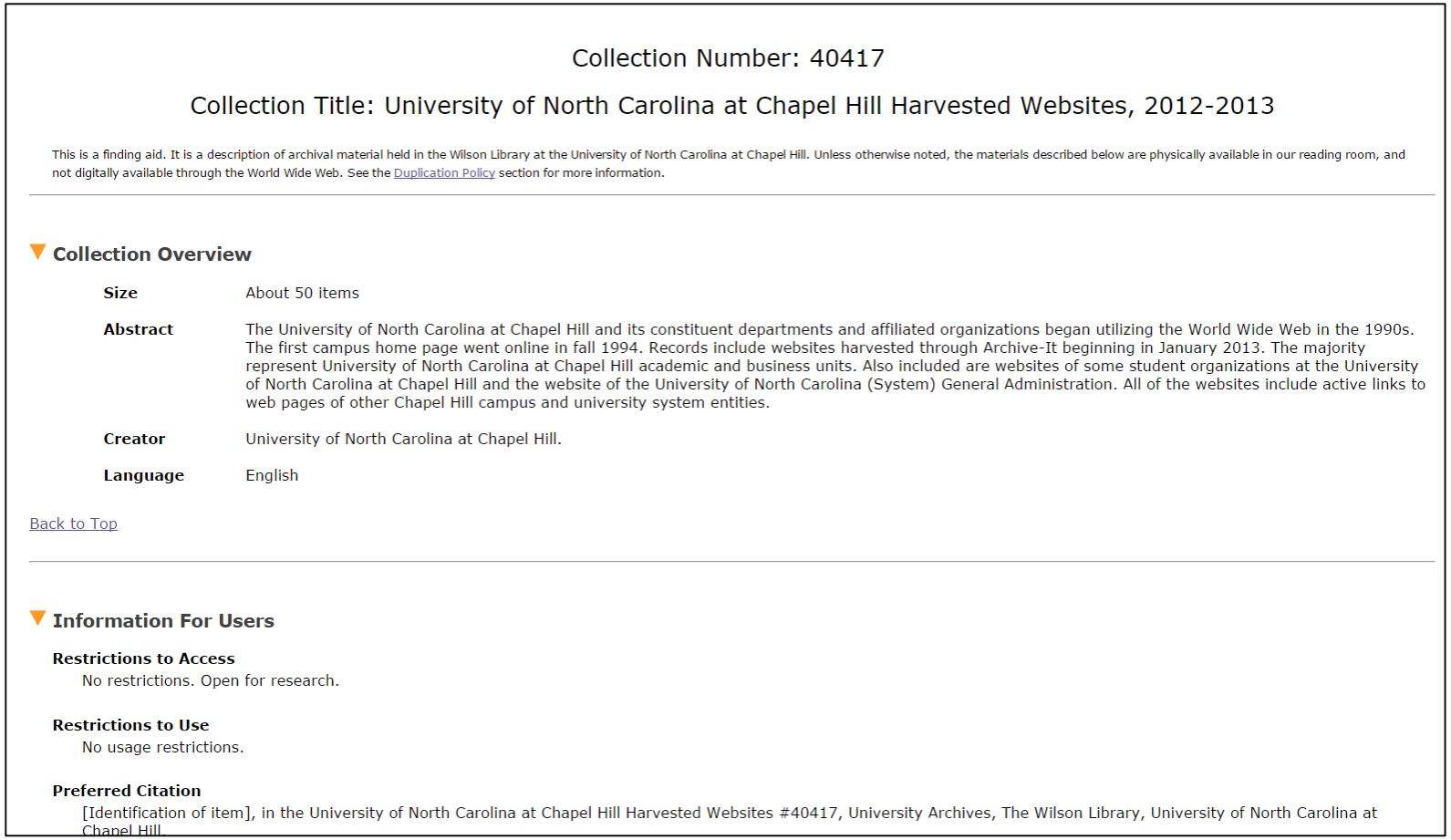
What next?

Provide better access to the collection. Some options:

- MARC records
- Webpage on the library site contextualizing the collection & linking to Archive-It, or a custom-built portal
- Finding aid

UNC Chapel Hill finding aid

http://finding-aids.lib.unc.edu/40417/#



Collection Number: 40417

Collection Title: University of North Carolina at Chapel Hill Harvested Websites, 2012-2013

This is a finding aid. It is a description of archival material held in the Wilson Library at the University of North Carolina at Chapel Hill. Unless otherwise noted, the materials described below are physically available in our reading room, and not digitally available through the World Wide Web. See the Duplication Policy section for more information.

Collection Overview

Size	About 50 items
Abstract	The University of North Carolina at Chapel Hill and its constituent departments and affiliated organizations began utilizing the World Wide Web in the 1990s. The first campus home page went online in fall 1994. Records include websites harvested through Archive-It beginning in January 2013. The majority represent University of North Carolina at Chapel Hill academic and business units. Also included are websites of some student organizations at the University of North Carolina at Chapel Hill and the website of the University of North Carolina (System) General Administration. All of the websites include active links to web pages of other Chapel Hill campus and university system entities.
Creator	University of North Carolina at Chapel Hill.
Language	English

Back to Top

Information For Users

Restrictions to Access
No restrictions. Open for research.

Restrictions to Use
No usage restrictions.

Preferred Citation
[Identification of item], in the University of North Carolina at Chapel Hill Harvested Websites #40417, University Archives, The Wilson Library, University of North Carolina at Chapel Hill

What next?

Provide better access to the collection. Some options:

- MARC records
- Webpage on the library site contextualizing the collection & linking to Archive-It, or a custom-built portal
- Finding aid
- Online exhibit?

Online exhibits at Tisch create narratives using library collections. Exhibits highlight our unique resources and facilitate user access, education, and research for the Tufts community and a wider public audience.

What next?

How to engage users???

- Is the collection there mostly for the future?
- Data mining?
- Another collaboration project?

"Big question mark", by Benjamin Reay, via Flickr, CC BY NC 2.0

Questions?

Or stories to share about engaging users with your web archives?

Thank you!

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