

# **Glen Canyon Dam Adaptive Management Program Administrative History Proposal**

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# Why are we doing this project?

- To support decision making and environmental management
  - Creating institutional memory
  - Reflecting breadth and depth of historical research program and decision-making
  - Documenting management options that have already been considered and implemented/rejected
  - Evaluating successes and failures
  - Helping evaluate and set priorities for what to fund
- Create a model other programs/regions could replicate.

# What are we doing?

- Summary history of the Glen Canyon Dam A.M.P. and its key research, laws, goals, agreements, and accomplishments.
  - Must reflect depth/breadth of collaboration including tribes, federal and state agencies, NGOs, universities, publics
  - Must dynamically integrate
    - Individual and organizational actors
    - Change over time
    - Geography
    - Themes (research topics, management considerations)
- Database driven digital archive of all aspects of the A.M. Program underlying the summary history
- Oral history + documentary record must be acquired, preserved, and made accessible

# Audience

- Decision makers, especially re. adaptive management of Glen Canyon Dam
- Scientists and policy makers
- Stakeholders and general public
  - Cities, water managers, agric. interests,
  - Tribes, environmental groups, river runners, etc.
- Leaders of other similar multi-agency environmental projects
- Who else?
- How will people want to access/use the information and digital archive?

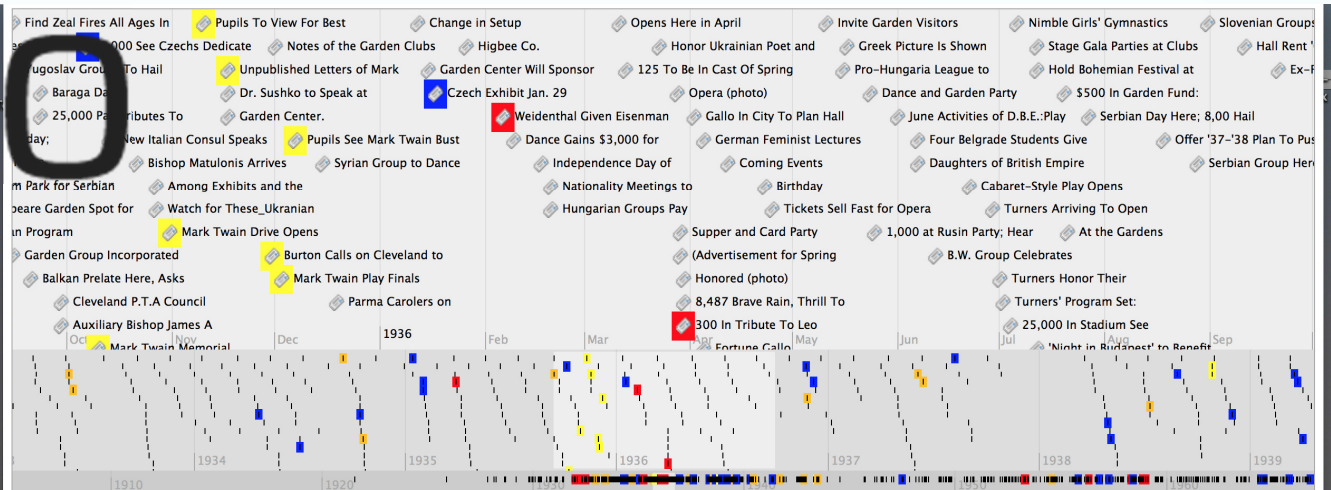
# Products: Digital Archive

- Administrative history overview: annotations, summaries, and text
  - Linked to the database
  - Represented graphically/dynamically
  - Available (at least partially) on the web
- Bibliographic Tool: (open source [Zotero](#))

**zotero**

# zotero

Groups  
Visualizations  
Metadata  
Searchable  
Relational  
Web +  
Desktop  
Cloud-Based  
Annotation  
Reports



Filter: Highlight: Twain Dedication Weidenthal Czech Clear All

Jump to Year: First Band: Second Band: Third Band: Date Type: Timeline Height: Month Year Decade Date Published Fit to Screen

Title	Creator	Date	Date Added
Unpublished Letters of Mark Twain Discovered		1935-11-17	6/24/11 2...
Dr. Sushko to Speak at Ukranian Fete		1935-11-17	6/24/11 2...
Garden Center.		1935-11-17	6/24/11 2...
Pupils To View For Best Twain Skits: Plain Deal...		1935-11-10	5/29/11 1...
Children's Pennies to Buy Twain Bust		1935-11-02	5/29/11 1...
Mark Twain Drive Opens Tomorrow		1935-10-31	5/29/11 1...
Former Students Exhibiting Sculpture at Ruth ...		1935-10-27	5/29/11 1...
Watch for These_Ukranian		1935-10-27	5/29/11 1...
Among Exhibits and the Artists		1935-10-27	5/29/11 1...
Bishop Matulonis Arrives Here Today		1935-10-21	5/29/11 1...
Pupil's Pennies to Bring City Mark Twain Statue		1935-10-17	5/29/11 1...
Dedicate Bronze Tablets at Italian Garden's Gate	Robertson	1935-10-14	5/29/11 1...
New Italian Consul Speaks Here Today		1935-10-13	5/29/11 1...
Mark Twain Memorial		1935-10-10	5/29/11 1...
1,000 See Czechs Dedicate Garden: Trees Fro...	Franks	1935-10-07	5/29/11 1...
Cleveland P.T.A Council Starts Drive for Garden		1935-09-29	5/29/11 1...
Auxiliary Bishop James A McFadden_(Photo)		1935-09-29	5/29/11 1...
Baraga Day Celebration_(Photos)		1935-09-23	5/29/11 1...
25,000 Pay Tributes To Church Hero	Franks	1935-09-23	5/29/11 1...
Balkan Prelate Here, Asks Peace: First Homela...	Franks	1935-09-20	5/29/11 1...
Find Zeal Fires All Ages In Italy: Woman Instr...		1935-09-15	5/29/11 1...
Yugoslav Groups To Hail Prelate; Archbishop ...		1935-09-15	5/14/11 1...
Garden Group Incorporated		1935-09-15	5/14/11 1...
Italian Program		1935-09-04	5/14/11 1...
Shakespeare Garden Spot for Meeting		1935-08-30	5/14/11 1...
10,000 Jam Park for Serbian Day; 100 Lambs ...	Franks	1935-08-26	5/14/11 1...
Watch for These_(WGAR)_Polish		1935-08-25	5/14/11 1...
Serbian Rally Sunday; Celebration to Draw Fro...		1935-08-18	5/14/11 1...
As the Parade Passes By		1935-08-11	5/14/11 1...
Watch for These_(WGAR)_Scandinavian		1935-07-28	5/14/11 1...
Benefit Picnic Today		1935-07-28	5/14/11 1...
Touring Cleveland's famous Cultural Gardens	Kaufman	1935-07-21	5/14/11 1...
Watch for These_(WGAR)_Ireland		1935-07-14	5/14/11 1...
RailwayGroup Fete Members Born in July		1935-07-09	5/14/11 1...
Watch for These_(WGAR)_Slovak		1935-06-30	5/14/11 1...
Wath for These_(WGAR)_Jugoslav		1935-06-23	5/14/11 1...
Irish Group Fears U.S.-British Amity; Leaders f...		1935-06-17	5/14/11 1...
Which Way America Groups Gather at Westfiel...		1935-06-16	5/14/11 1...

# Products: Digital Archive

- Oral History
  - Indexed & searchable according to meaning
  - First wave reflects diversity, as well as depth, plus “old-timers”
  - Include documentary record w/oral history collection
  - Challenge: digital archive that reflects sophistication of index
  - Explore the use of innovative tools such as the Oral History Metadata Synthesizer ([OHMS](#))
  - How does oral history collection relate to digital archive/website?

# Products: Digital Archive



omeka

- Database + Website (open-source, such as Omeka)
  - Relational + database/archive driven
  - Includes: Oral histories, concepts, biographies, documents, bibliographic citations
  - Organized by Time/Concept/Geography
  - Subject/keywords as indexed + tags + other metadata fields
  - Designed with user experience in mind
- Examples + Features
  - Bracero (Documentary archive) (<http://braceroarchive.org>)
  - [Cleveland Historical](#) + [Cleveland Voices](#) (Oral History/Story Based)
  - [Long Women's Movement](#) (Oral History)
  - Integrated with Zotero Bibliography (i.e. bibliographical software)
  - Able to show oral history index/clips (challenge: doing this dynamically)
- Integrate & connect to existing archives & resources (rather than replicate)



# Project Examples

The image shows a screenshot of a web browser displaying the Cleveland Historical website. The browser's address bar shows the URL [clevelandhistorical.org](http://clevelandhistorical.org). The website's header includes navigation links for HOME, STORIES, TOURS, and ABOUT, along with a search bar labeled "SEARCH STORIES". The main content area features a large map of Cleveland with numerous black speech bubble markers indicating historical locations. To the left of the map is a vertical sidebar with the "CLEVELAND HISTORICAL" logo and a "TAKE A TOUR" section listing various topics: AFRICAN AMERICANS, CAMPUS DISTRICT: MILLIONAIRES' ROW, CEDAR FAIRMOUNT, CLEVELAND FOOD TRADITIONS, CONFLICT, COVENTRY VILLAGE, and CULTURAL GARDENS. Below the sidebar, there is a section titled "CLEVELAND HISTORICAL" with social media links for Twitter, Facebook, and Youtube. A featured story titled "THE AQUACADE" is also visible on the right side of the page.

**CLEVELAND HISTORICAL**

HOME STORIES TOURS ABOUT

SEARCH STORIES

Map Satellite

Map data ©2014 Google

TERMS OF USE REPORT A MAP ERROR

**TAKE A TOUR**

- AFRICAN AMERICANS
- CAMPUS DISTRICT: MILLIONAIRES' ROW
- CEDAR FAIRMOUNT
- CLEVELAND FOOD TRADITIONS
- CONFLICT
- COVENTRY VILLAGE
- CULTURAL GARDENS

**CLEVELAND HISTORICAL**

Find us on [Twitter](#) | [Facebook](#) | [Youtube](#)

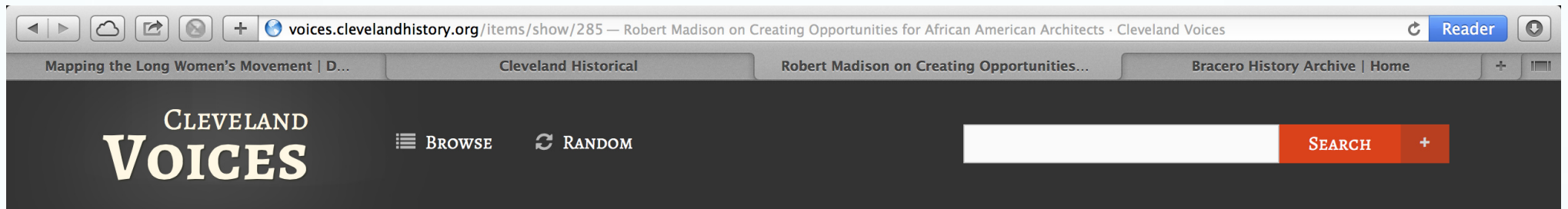
**CLEVELAND**

Cleveland Historical is a free mobile app that puts Cleveland history at your fingertips. Developed by the Center for Public History + Digital Humanities at Cleveland State University, Cleveland Historical lets you explore the people, places, and

**FEATURED STORY**

**THE AQUACADE**

# Project Examples



Mapping the Long Women's Movement | D... Cleveland Historical Robert Madison on Creating Opportunities... Bracero History Archive | Home

CLEVELAND VOICES

BROWSE RANDOM

SEARCH +

## ROBERT MADISON ON CREATING OPPORTUNITIES FOR AFRICAN AMERICAN ARCHITECTS

Speaker: **Robert P. Madison** | Interviewer: **Timothy Klypchak**



Robert Madison, World War II Veteran and Harvard graduate, discusses creating opportunities for African American graduates. After Madison graduated from Harvard, he got a post teaching architecture at Howard University. Yet, this was unfulfilling to him because he realized that the African American students he was teaching would not have any opportunities once they graduated. He thought he would change this circumstance by coming back to Cleveland, creating a firm, and hiring African American architects.

**Cite this Page:** "Robert Madison on Creating Opportunities for African American Architects," *Cleveland Voices*, accessed January 9, 2014, <http://voices.clevelandhistory.org/items/show/285>.

**Tags:** [architecture](#), [African American](#), [Robert Madison](#), [opportunity](#)

# Project Examples

Safari File Edit View History Bookmarks Develop Window Help

Mapping the Long Women's Movement | DHpress

Map of the Eastern United States showing project locations. The map displays various colored markers (purple, green, orange, black, blue, pink, red, cyan) representing different project categories. A legend on the left side of the map lists the categories with corresponding colored squares:

- Work
- Civil Rights Movement
- Labor Movement
- Identity
- Repression
- The South
- Politics

Map data ©2014 Google, INEGI

Report a map error

File menu options:

- New Window ⌘N
- New Tab ⌘T
- Open File... ⌘O
- Open Location... ⌘L
- Close Window ⌘W
- Close All Windows ⌘⇧W
- Close Tab ⌘W
- Save As... ⌘S
- Share
- Export as PDF...
- Open in Dashboard...
- Import Bookmarks...
- Export Bookmarks...
- Print... ⌘P

Browser tabs: Cleveland Historical, Cleveland Voices

Browser address bar: Mapping the Long Women's Movement | DHpress

Browser tabs: Instapaper: Read Later, Diigolet, Post with Tweetie, ArcGIS - My Map, Open API - A...en Exhibits, Search Clue...ord Heaven

Browser tabs: Cleveland Historical, Cleveland Voices

Browser tabs: en map, Tips

# Project Examples

The screenshot shows a web browser window displaying the Bracero History Archive website. The browser's address bar shows the URL [braceroarchive.org](http://braceroarchive.org). The website has a green and white color scheme. At the top, there are navigation tabs for "Mapping the Long Women's Movement | D...", "Cleveland Historical", "Cleveland Voices", and "Bracero History Archive | Home". Below the tabs is a search bar with "Search" and "Advanced Search" buttons. The main content area features the Bracero History Archive logo, a description of the archive, and a "Browse the Archive" button. A large black and white photograph of a line of braceros is shown, with a yellow starburst award badge overlaid on it. Below the main content are navigation buttons for "Archive", "Teaching", "History", "Resources", "About", and "Partners". At the bottom, there are three call-to-action boxes: "My Archive", "Tell Your Story", and "Bracero History News".

braceroarchive.org — Bracero History Archive | Home

Mapping the Long Women's Movement | D... Cleveland Historical Cleveland Voices Bracero History Archive | Home

Login | Register

Search Advanced Search

 **BRACERO**  
HISTORY ARCHIVE

The *Bracero History Archive* collects and makes available the oral histories and artifacts pertaining to the Bracero program, a guest worker initiative that spanned the years 1942-1964. Millions of Mexican agricultural workers crossed the border under the program to work in more than half of the states in America.

Browse the Archive

Español

2010 Winner  
NATIONAL COUNCIL  
ON PUBLIC HISTORY  
Public History Project  
Award

Archive Teaching History Resources About Partners

[Login](#) here to add your own notes and make a poster using items from the archive.

[My Archive](#)

The Bracero History Archive is continuing to collect the stories of the Bracero program.

[Tell Your Story](#)

Check out news about the Bracero History Archive and the Smithsonian exhibit, *Bittersweet Harvest*.

[Bracero History News](#)

Bracero History Archive is a project of the [Roy Rosenzweig Center for History and New Media](#), [George Mason University](#), the [Smithsonian](#)

# Community & Public Engagement

- Involving communities in producing knowledge will enhance “investment” by scientists and communities.
- Scientists can be tapped to help to create and maintain bibliography (via Zotero group)
- Support & integrate w/existing Citizen Science
- Involve the community as appropriate
- Permissions for access as appropriate

# Budget

- Management
  - Hirt: reporting, oral history content, administrative writing
  - Tebeau: oral history method, digital oversight, training, metadata
  - ASU Match: public history staff for clerical/administrative support
- Research
  - Reviewing, collecting, entering data into database
- Oral History
  - Collection, annotation, storage (not included: travel); 50 hours of audio (40 interviews)
- Database + Website
  - Discovery, experimentation, prototype development + training
  - Keyword + Metadata development
- Travel
  - Meetings
  - Oral history collection + research
- Consultation with Scholars
  - Oral history
  - Keyword + Metadata development
- ASU Indirects
  - Overhead, off campus, 26%