COLUMBIA UNIVERSITY LIBRARIES

Less Code, More Product:
Leveraging Open Source Technologies to Develop Digital Library Collections

Robert Cartolano, Stephen Davis, Carole Ann Fabian
Columbia University
April 13, 2015

Digital Preservation & Access

"Digital preservation is the **active management** of digital content **over time** to ensure ongoing access."

Library of Congress

"Digital preservation is a challenge for all of society because we all benefit from **reliable, authentic information now and into the future**. Done well, all of society will reap the benefits of digital stewardship.**"**

"Blue Ribbon Task Force on Digital Preservation and Access", 2010.

Distributed Preservation & Access, Radical Collaboration

“Long-term preservation of digital information on a scale adequate for the demands of future research and scholarship will require a **deep infrastructure** capable of supporting a **distributed system** of digital archives.”

"Preserving Digital Information “
Report of the Task Force on Archiving of Digital Information, 1996

"Conditions in technology, economics, and expanding service requirements demand a more **radical approach to collaboration**."

"Advancing From Kumbaya to Radical Collaboration: Redefining the Future Research Library"
Neal, J., Journal of Library Administration, 2011.

Strategic Challenges

- **Organization** – local and distributed
- **Technical Infrastructure** – durable, interoperable, flexible
- **Collections** – collect, aggregate, manage, discover and deliver, over time

Approach

- **Close Partnerships** – develop and sustain technology platforms over time
- **Strategic Investment –** local and shared staff, infrastructure, services

The Five Opens

- **Open Code** – sustainable platforms
- **Open Data Standards** – manage over time
- **Open API/Protocols** – foster interoperability
- **Open Communities** – go further together
- **Open License** – share knowledge broadly

Based on Mara Hancock's Three Opens

“Open” Fosters Preservation & Access

Digital preservation and access is greatly fostered by adopting the “Five Opens” and partnering to develop local and distributed systems.

Key Benefits of Open

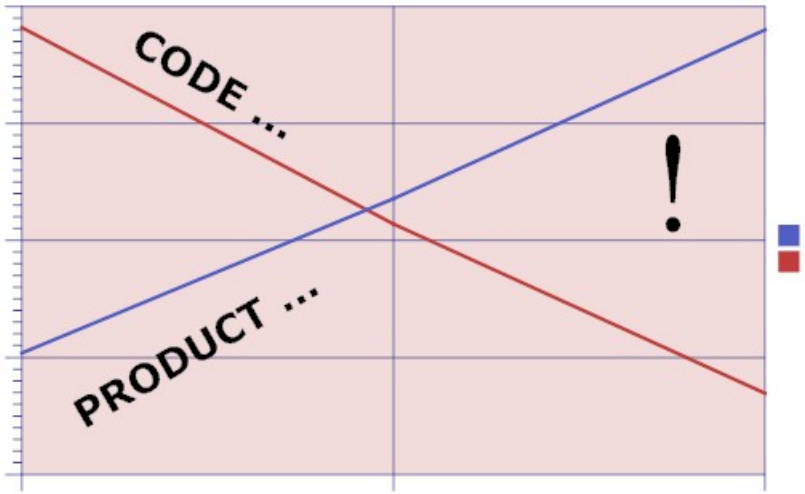
- **Less Code** – Reduce local efforts, leverage community development
- **More Product** – build better services for today
- **Contribute** – local development, support entire community over time
- **Work together –** solve hard problems (e.g. interoperability, migration)

Columbia Strategic Investments

- **Fedora** – durable object repository
- **Blacklight** – common discovery layer
- **Hydra** – building, sharing apps & tools
- Multiple data centers
- Columbia private network
- Risk-averse vendor technologies

Implementing

…. Less Code MORE PRODUCT!



Columbia Digital Collections Scope

- Digitized special & archival collections
- Born-digital content
- Institutional repository content
- Research data sets
- Numeric data files
- *Learning objects (to come)*

Some Pre-2014 Standalone Special Collections Projects

Joseph Urban Stage Models

Papers of John Jay

Architectural Vignettes

Japanese Bunraku Puppet Theater

Chinese Paper Gods

NYC Real Estate Brochures

Community Service Society Photos

Omeka Online Exhibitions

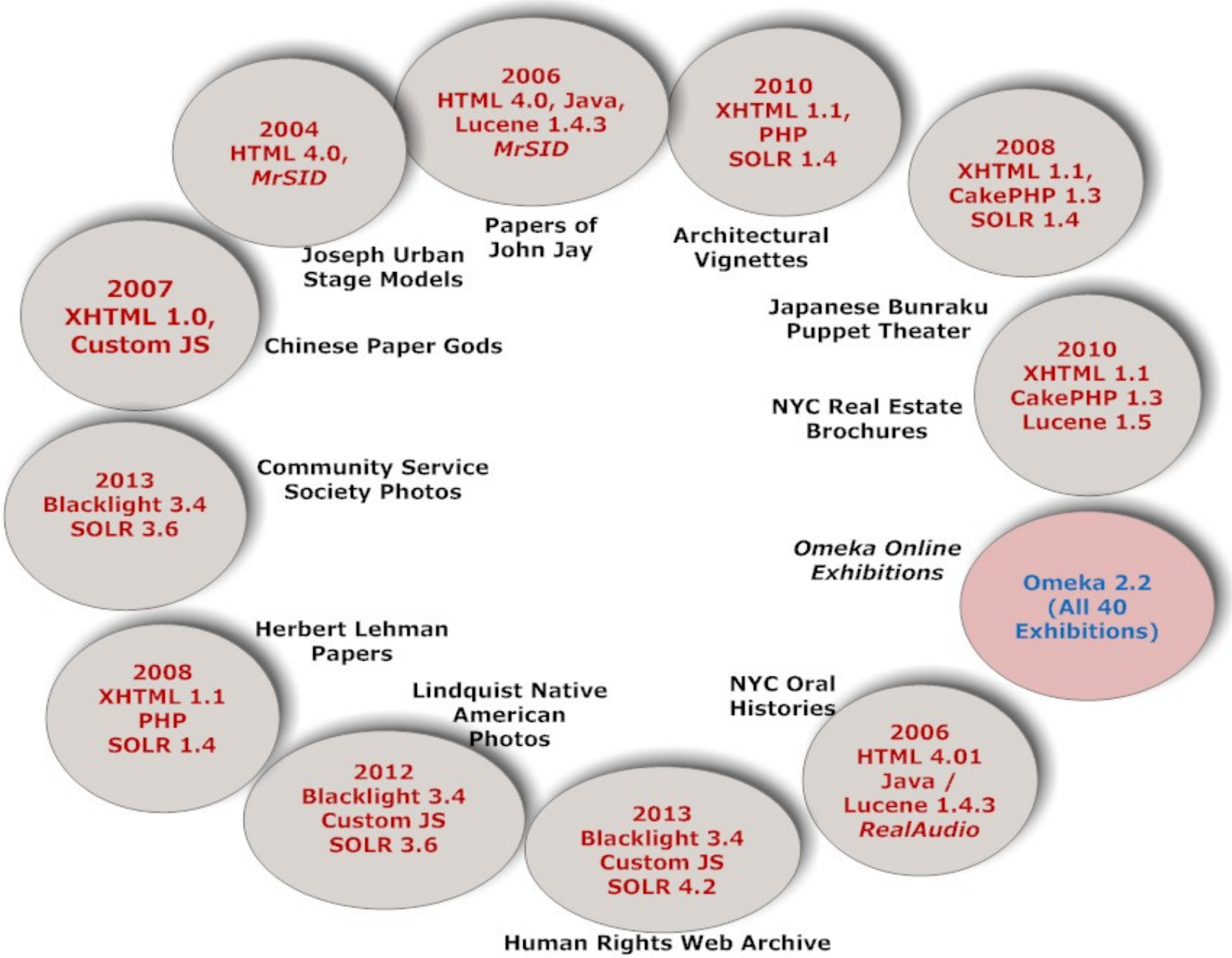
Herbert Lehman Papers

Lindquist Native American Photos

Human Rights Web Archive

NYC Oral Histories

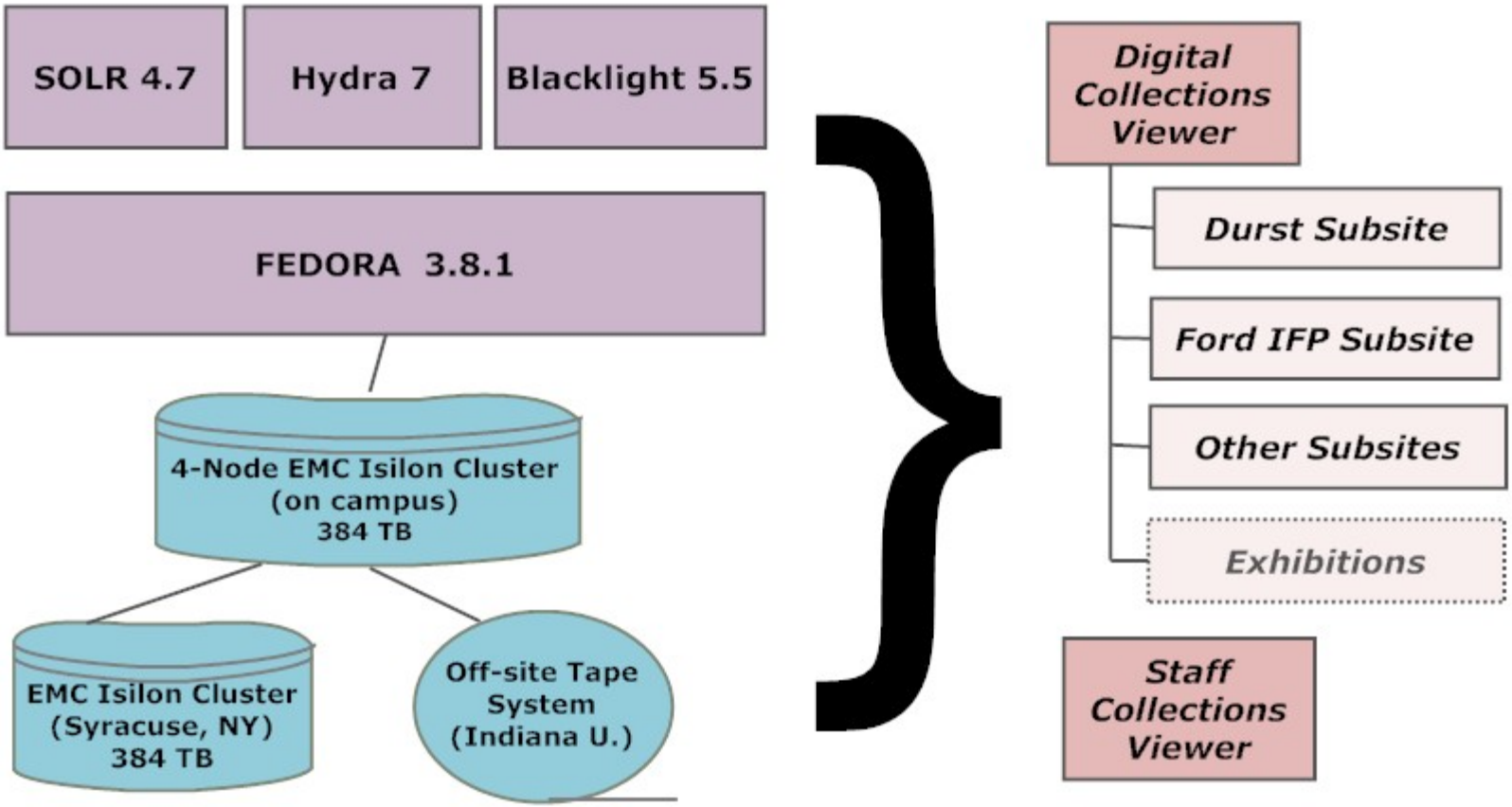
But under the surface …



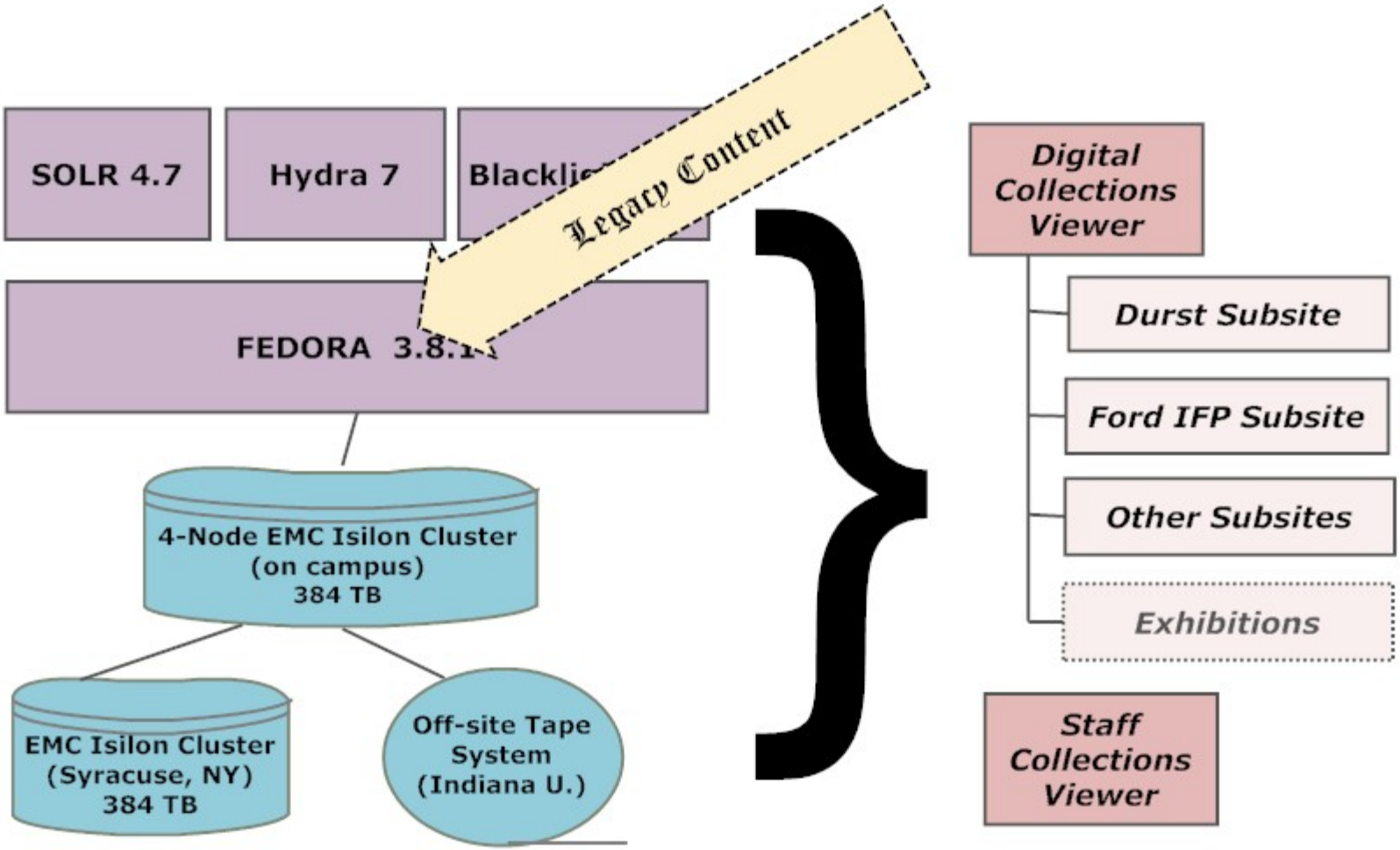
Challenges

- Unique, custom code for each project
- Deprecated and unsupported software versions
- No longer best "*best practices*"
- Passé "*state of the art*"
- Divergent metadata and content models
- Maintenance and security problems

Consolidated Digital Collections Infrastructure



Consolidated Digital Collections Infrastructure



Benefits

- Common code base, release versions
- Easier software upgrades and bug fixes
- Faster implementation of new projects
- New features shared across projects
- Better asset management
- Easier metadata curation
- Ability to benefit from - and contribute to - other institutions' work

Less Code

Result of moving Columbia DL applications from custom code to Hydra framework:

ca. 10,000 lines of local code removed so far

And many 10s of thousands as we retire legacy sites

More Product

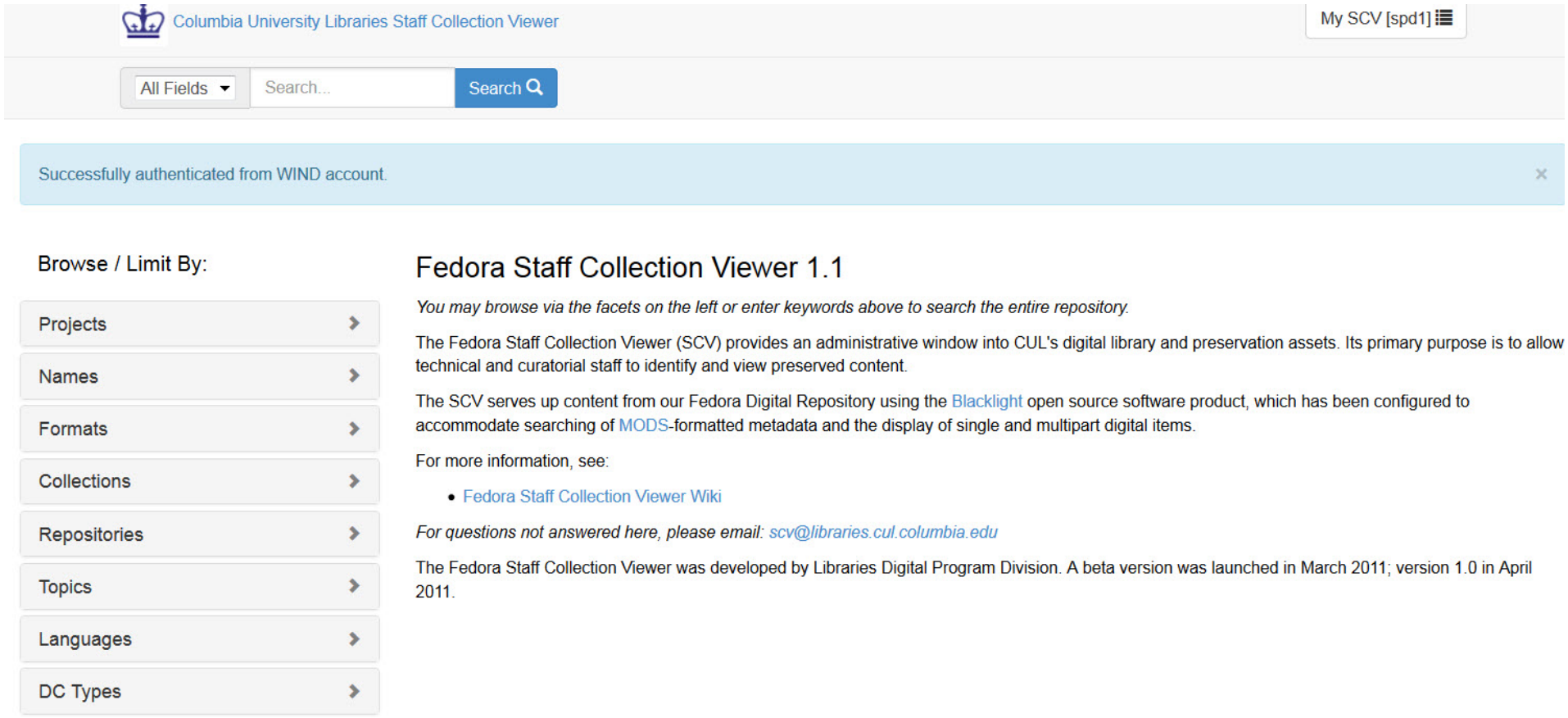
Sample DL project development time, 1.5 FTE developers:

5-6 weeks

New DL project development time for comparable project, 1.5 FTE developers:

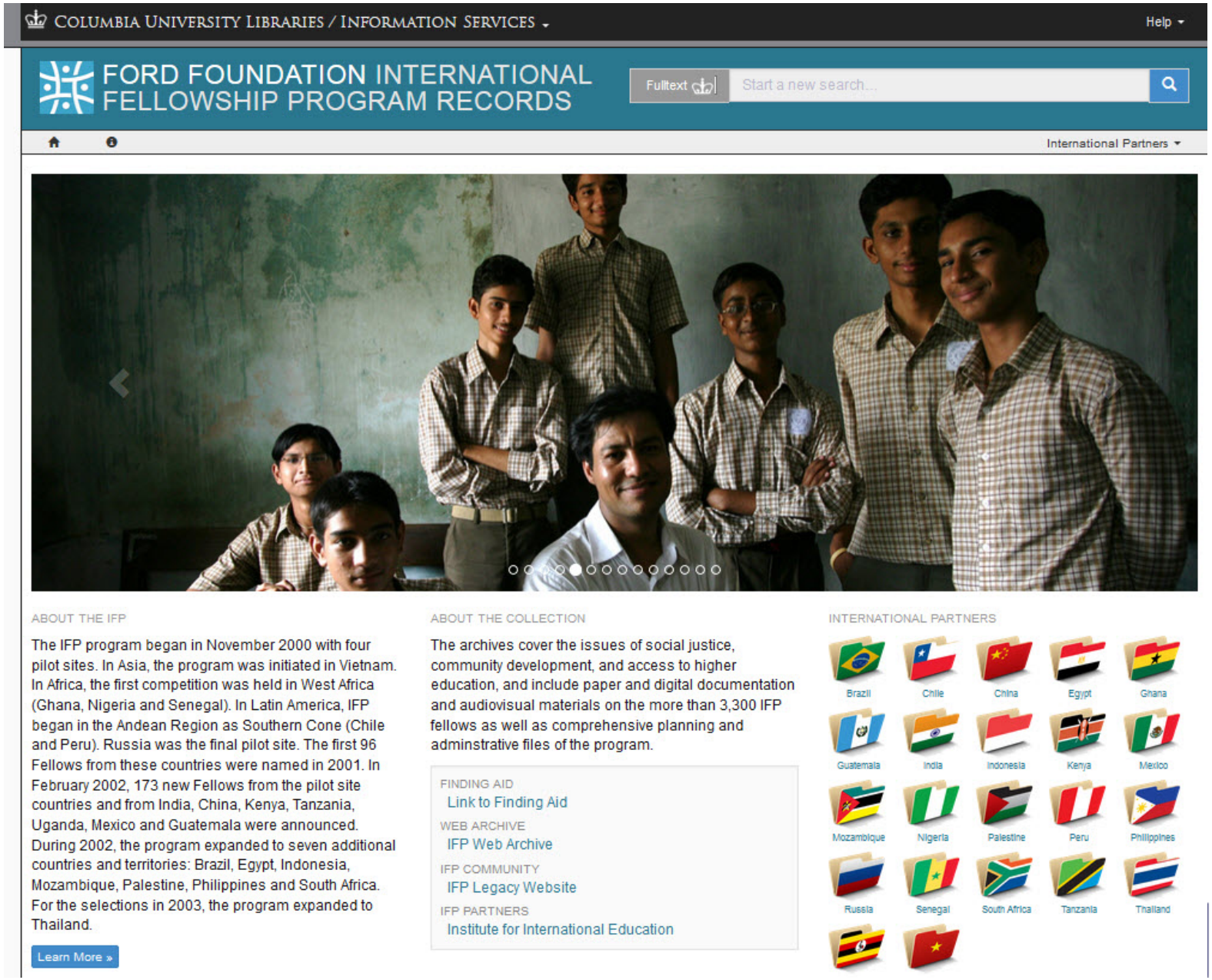
2-3 days

Staff Collection Viewer, 300,000+ items



dlc.library.columbia.edu

dlc.library.columbia.edu/ifp



dlc.library.columbia.edu/durst

COLUMBIA UNIVERSITY LIBRARIES / INFORMATION SERVICES ▾ Help ▾

SEYMOUR B. DURST OLD YORK LIBRARY BETA
AVERY ARCHITECTURAL & FINE ARTS LIBRARY

Formats ▾ Search Postcards, Maps, Photographs, Books, Etc…

LEARN MORE ▾

ABOUT THE OLD YORK COLLECTION

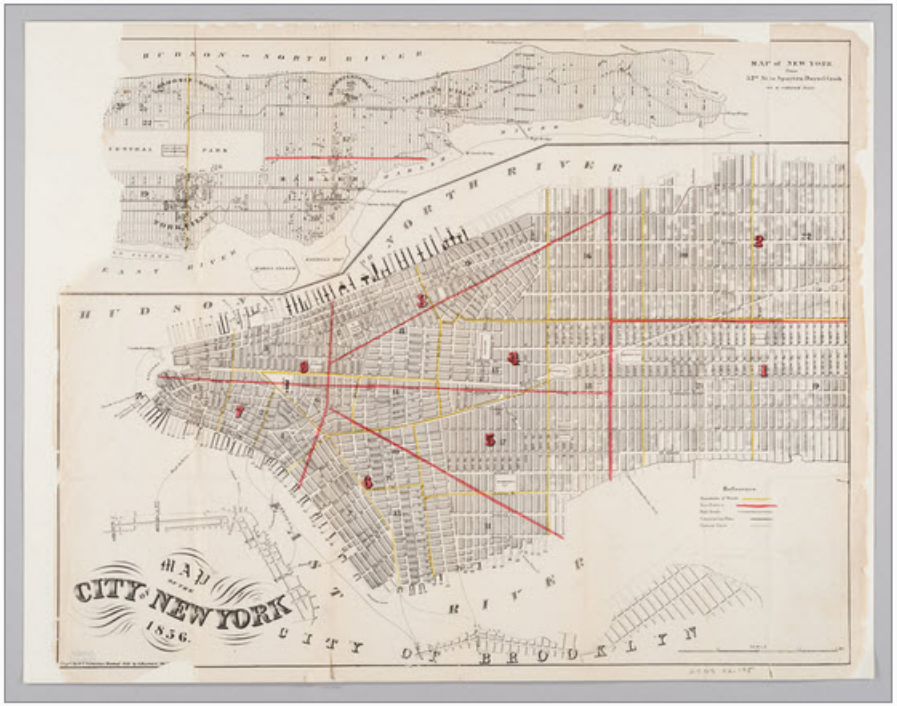
The Seymour B. Durst Old York Library collection at the Avery Architectural & Fine Arts Library consists of more than 40,000 objects including historic photographs, maps, pamphlets, postcards, books, and New York City memorabilia from the 18th century to the 1980s. Learn More »

BROWSE ALL »

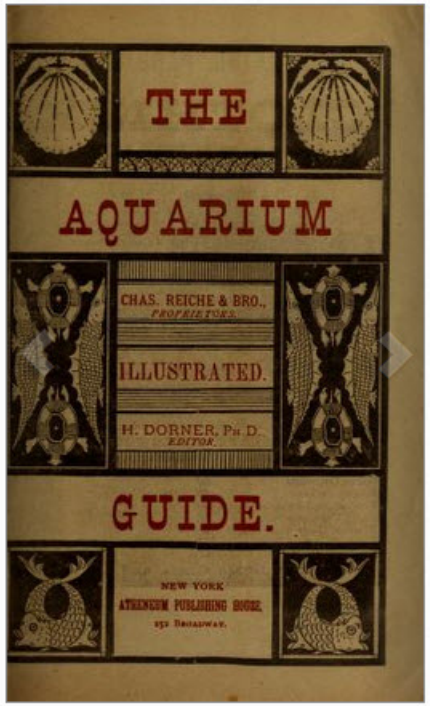
FIND BY

FORMAT ›
NEIGHBORHOOD ›
BOROUGH ›
CITY ›

FIND BY LOCATION

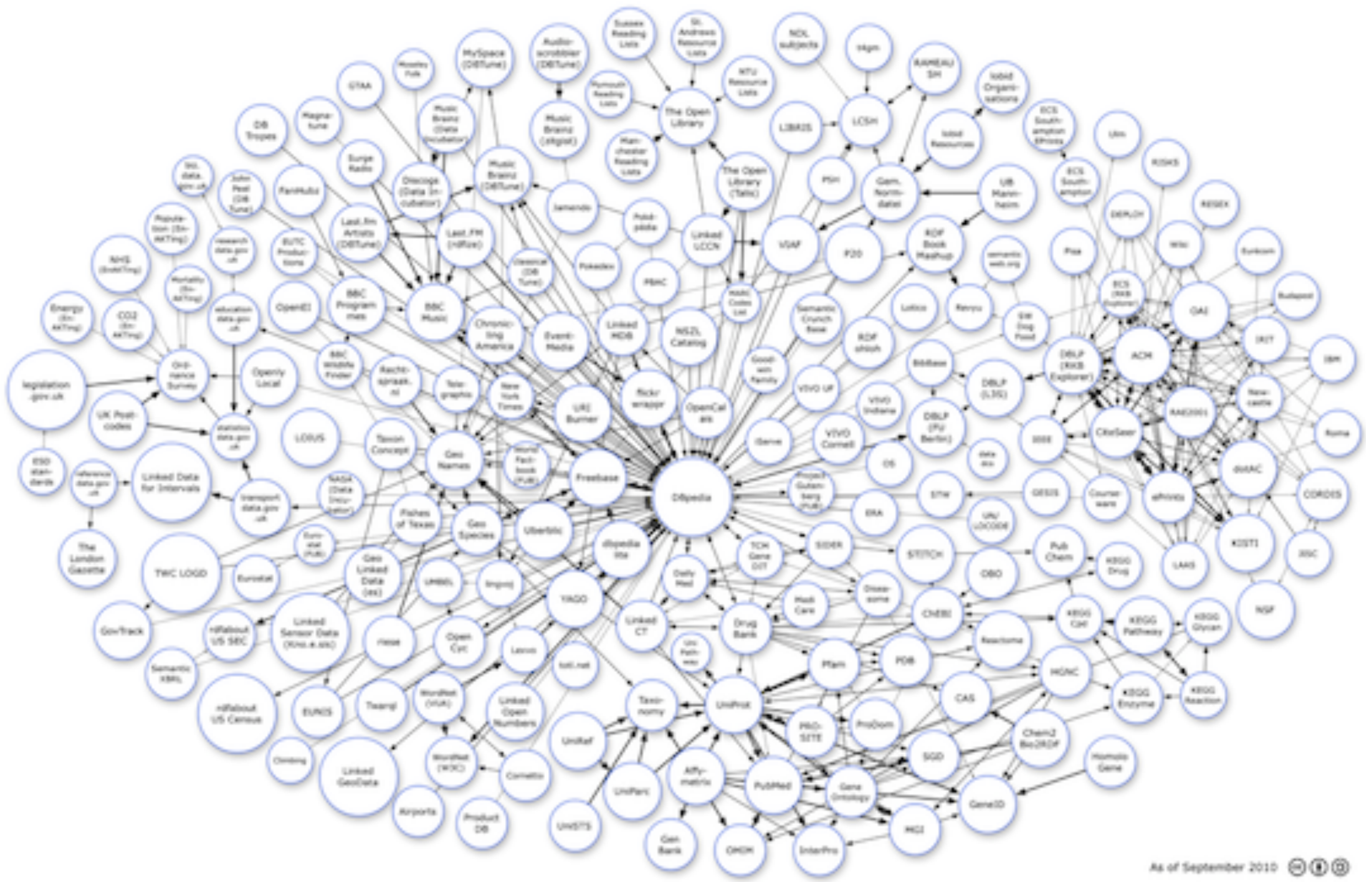


FIND IMAGES



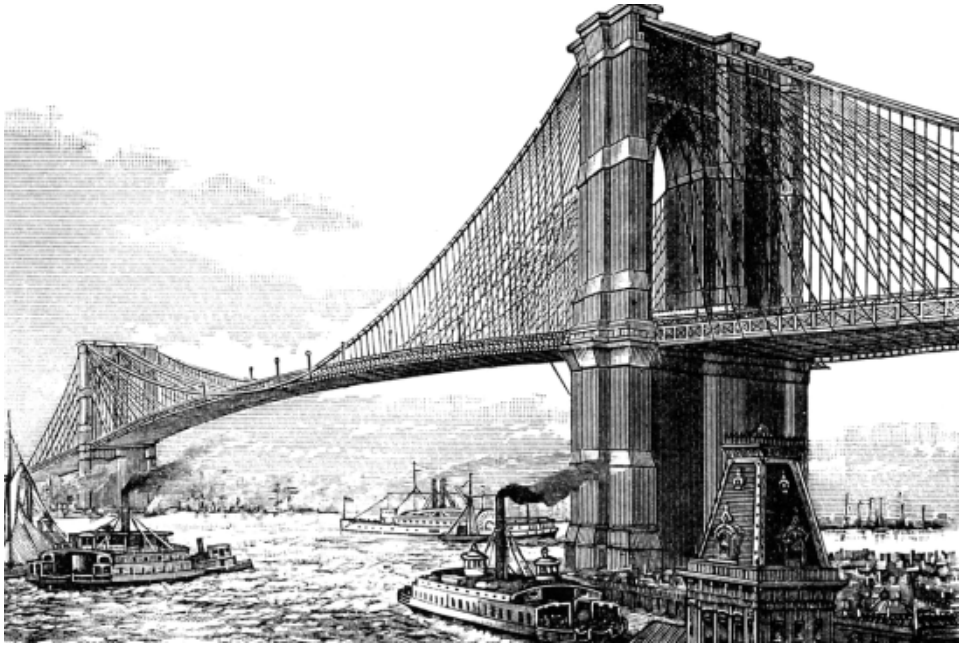
COLUMBIA UNIVERSITY LIBRARIES / INFORMATION SERVICES

Less Code, More Graph



SEYMOUR B. DURST OLD YORK LIBRARY

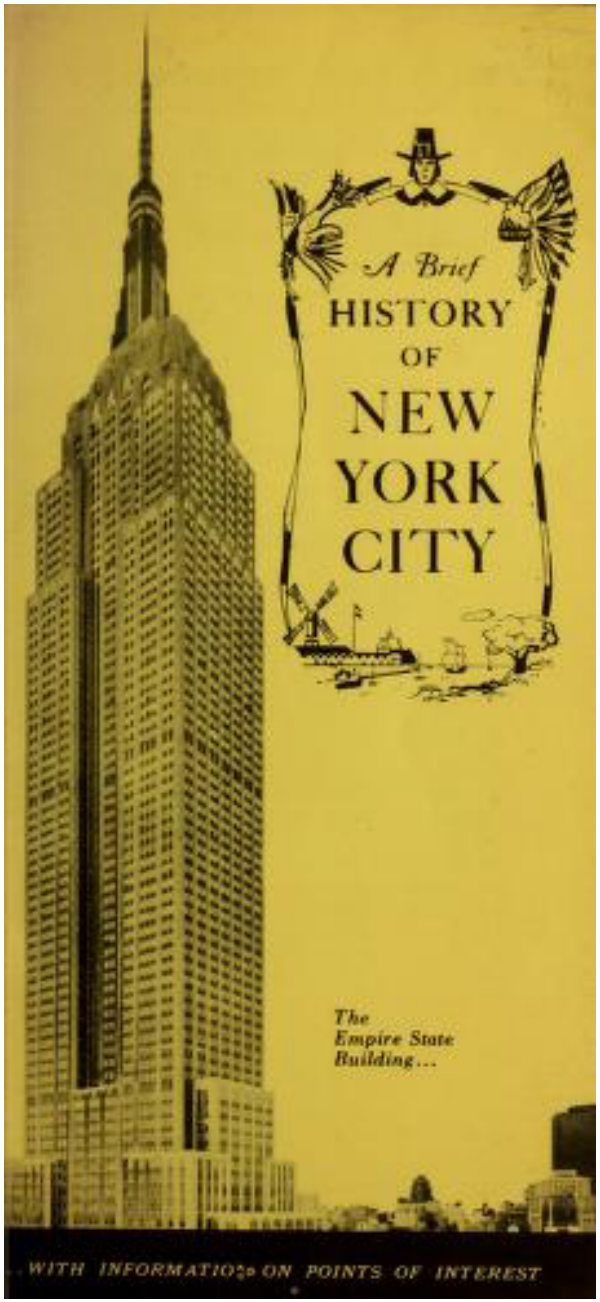
"I don't collect books out of nostalgia,
but out of a love of information and history"

~~~

Seymour B. Durst


~~~

The Collection

- Book-like materials
  - Books & Pamphlets 8,676
  - Landbooks 30
  - Serials 519
- Visual materials
  - Photographs 3,000
  - Thomas Nast Collection 1,200
  - Lantern & 35mm slides 75
  - Postcards 22,594
- Maps
  - Oversize maps 450
  - Bound & folded maps, and guides 150
- Ephemeral materials
  - Brochures, programs, menus, etc 1,091

TOTAL OBJECTS: 36,592



Durst project goals

① Support ***planning***

② Add ***capacity***

③ Implement ***projects*** *to ensure broad access:*

- Catalog & house the collection
- Digitize the public domain content
- Provide digital access

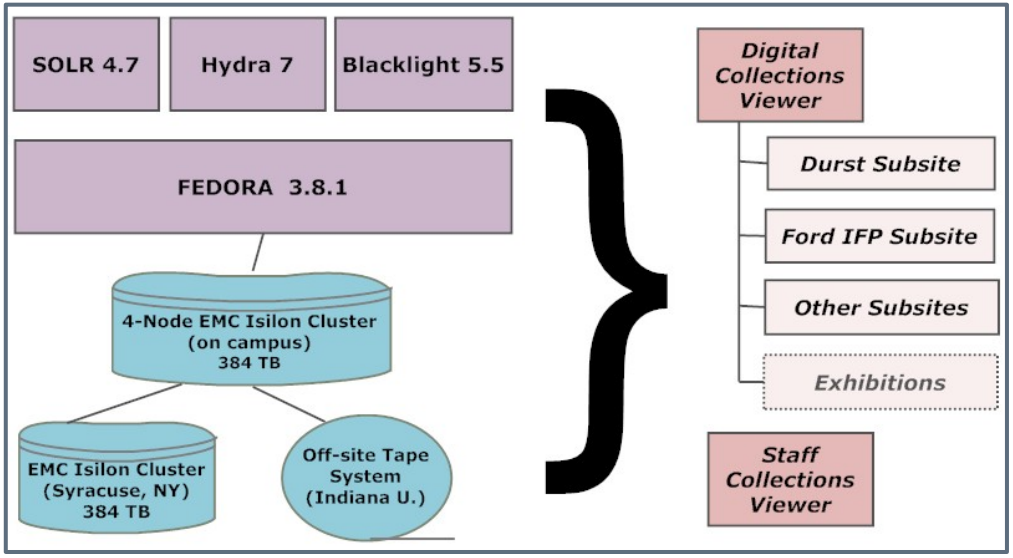
Support planning

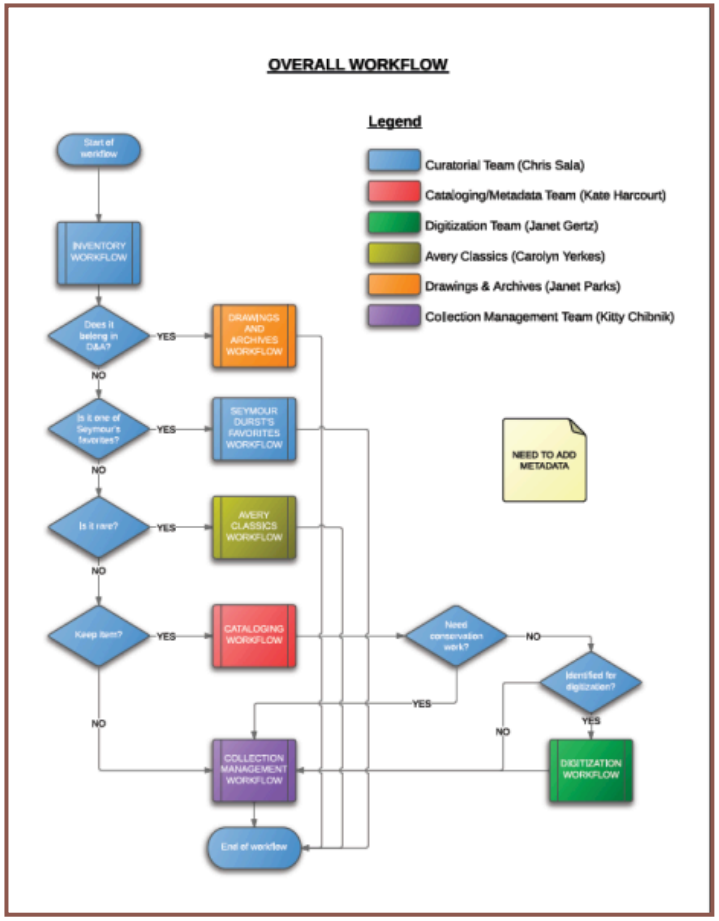
Trajectory	Activity	Project Team	CY11	CY12				CY13				CY 14				CY15	
			Pre	DY 1				DY 2				DY 3				Post	
			FY12			FY13				FY14				FY15			
			Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Project Admin	Project Mgmt	Administrative team	X	X	X	X	X	X	X	X	X	X	X	X			
	Budget	Administrative team	X	X	X	X	X	X	X	X	X	X	X	X			
	Donor relations/reporting	Administrative team	X	X	X			X				X					
	Collection appraisal	Administrative team		X	X												
	Personnel	Administrative team			X	X	X	X	X	X	X						
	Workflow admin development	Administrative team					X	X	X	X	X						
Space -- Avery	Assessment/planning	Avery space team	X	X	X	X	X										
	Spec/order	Avery space team			X	X	X	X									
	Renovations/installations	Avery space team + extern				X	X	X	X	X	X	X	X	X			
	Equipment	Avery space team + extern			X	X	X	X	X	X							
Collection Mgmt	Spatial collection analysis	Collections team	X	X	X												
	Coordinate move	Collections team		X	X	X											
	Locations	Collections team		X	X	X	X	X	X	X	X						
	ReCAP	Collections team												X			
Curatorial	Selection	Curatorial team			X	X	X	X	X	X	X						
	Item ID	Curatorial team			X	X	X	X	X	X	X						
	Item appraisal/treatment	Curatorial team			X	X	X	X	X	X							
	Research: bibliographic	Curatorial team			X	X	X	X	X	X							
	Prep for cataloging	Curatorial team			X	X	X	X	X	X							
	Re-housing/plate	Curatorial team							X	X	X	X	X	X			
	Research: digitization	Cataloging/Metadata team				X	X	X	X	X	X						
	Research: IP	Curatorial team				X	X	X	X	X	X						
	Curricular planning & integration	Curatorial team			X		X	X			X	X					
Cataloging/Metadata	Records analysis	Cataloging/Metadata team				X	X										
	Original cataloging	Cataloging/Metadata team				X	X	X	X	X	X	X	X	X			
	Copy cataloging	Cataloging/Metadata team				X	X	X	X	X	X	X	X	X			
	Normalizing/Enhancing data records	Cataloging/Metadata team				X	X	X	X	X	X	X	X	X			
	Templated data development	Cataloging/Metadata team					X	X	X	X	X	X	X	X			
	Crowd-sourced data development	Digital team															
	Metadata development	Cataloging/Metadata team				X	X	X	X	X	X	X	X	X			
Archives	Processing	Curatorial team										X	X	X			
	Re-housing	Curatorial team										X	X	X			
Technology	Data model development	Digital team			X	X	X	X	X	X	X	X					
	Inventory db development	Technical team				X	X	X									
	Data extraction/ingest	Technical team						X	X	X	X	X	X	X			
	Data migration: CLIO, WorldCat, HATHI	Technical team								X	X	X	X	X			
Digitization	Needs assessment	Digitization team		X	X	X	X	X	X	X							
	Digitization staging	Digitization team							X	X	X	X	X	X			
	Digitization - Vendor	Internet Archive								X	X	X	X	X			
	Digitization - In-House Books	Digitization team								X	X	X	X	X			
	Digitization - In-House Non-Books	Digitization team								X	X	X	X	X			
	Storage (digital)	Technical team								X	X	X	X	X			
Digital project	Requirements/specs	Admin, Curatorial & Digital teams			X	X	X	X	X	X	X	X	X	X			
	Web architecture	Technical & Digital teams				X	X	X	X	X	X	X	X	X			
	UI and UX development	Technical & Digital teams												X			
	Programming/technical development	Technical team												X			
	Web content development	Curatorial team			X	X	X	X	X	X	X	X	X	X			
	Deploy/launch	Tech, Digital, Curatorial															

Legend:

- Original Timeline
- Updated timeline (Additional Effort Needed)
- Updated timeline (Effort Delayed)
- X — Effort Completed

Add capacity





Project: data development

9,839 bibliographic records

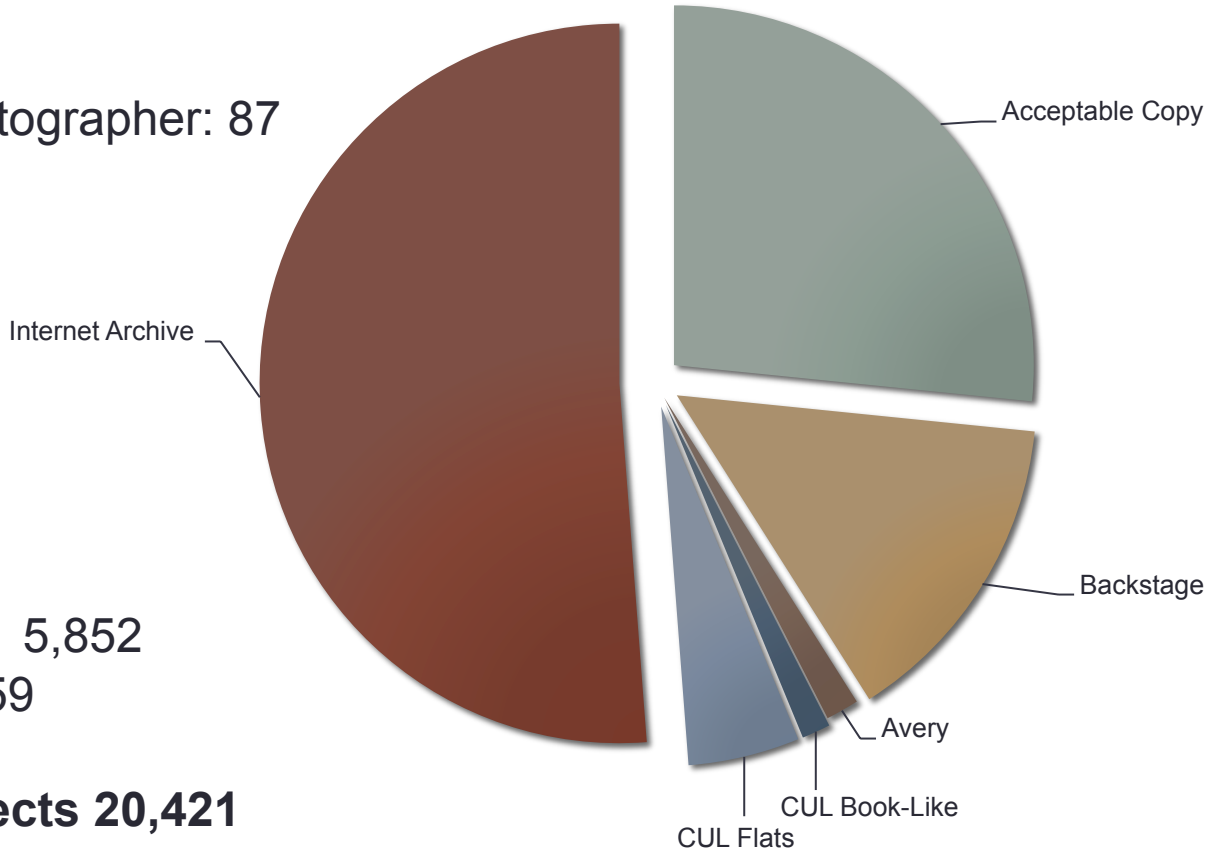
- 3,151 copy
- 6,688 original

23,780 metadata records

- 23,780 geo-location
- 15,153 subject headings

Project: digitization

- Acceptable copy: 1,559
- Internet Archive: 2,997
- Backstage: 843
- CUL-PRD: 368
- Avery contract photographer: 87



CUL Project digitized: 5,852
CUNY digitized 14,559

TOTAL digitized objects 20,421

LETTER

FROM THE

Secretary of War,

TO THE

CHAIRMAN OF THE COMMITTEE,

Appointed on the 9th of December last,

ON SO MUCH OF THE

SPEECH of the PRESIDENT,

AS RELATES TO

"A Syſtem of National Defence, Commenſurate with our Reſources, and the ſituation of our Country."

13th February, 1800.
Ordered to lie on the Table.

ſchools; conſequently no charge has been ſtated in the eſtimate for theſe objects.

If, therefore, we oppoſe the ſums thus annually liberated to the annual ſalary of the profeſſors and original coſt of the buildings, whichever of the plans is adopted, we ſhall find the meaſure propoſed, viewed merely in the light of an operation of finance, to reſult in a conſiderable ſaving to the United States.

An individual would think it a good bargain to receive twenty-five thouſand two hundred and ninety-one dollars, annually, the ſum liberated, and to give in lieu thereof ten thouſand four hundred and ſixty-ſix dollars, annually, the ſalary of the profeſſors, and a principal ſum equal to the coſt of the buildings. In other words, he would receive fourteen thouſand ſeven hundred and twenty-five dollars, annually, which is equivalent at ſix per cent, to a capital or principal of two hundred and forty-five thouſand four hundred and ſixteen dollars; a ſum greatly exceeding the eſtimated coſt of the buildings upon either eſtimate.

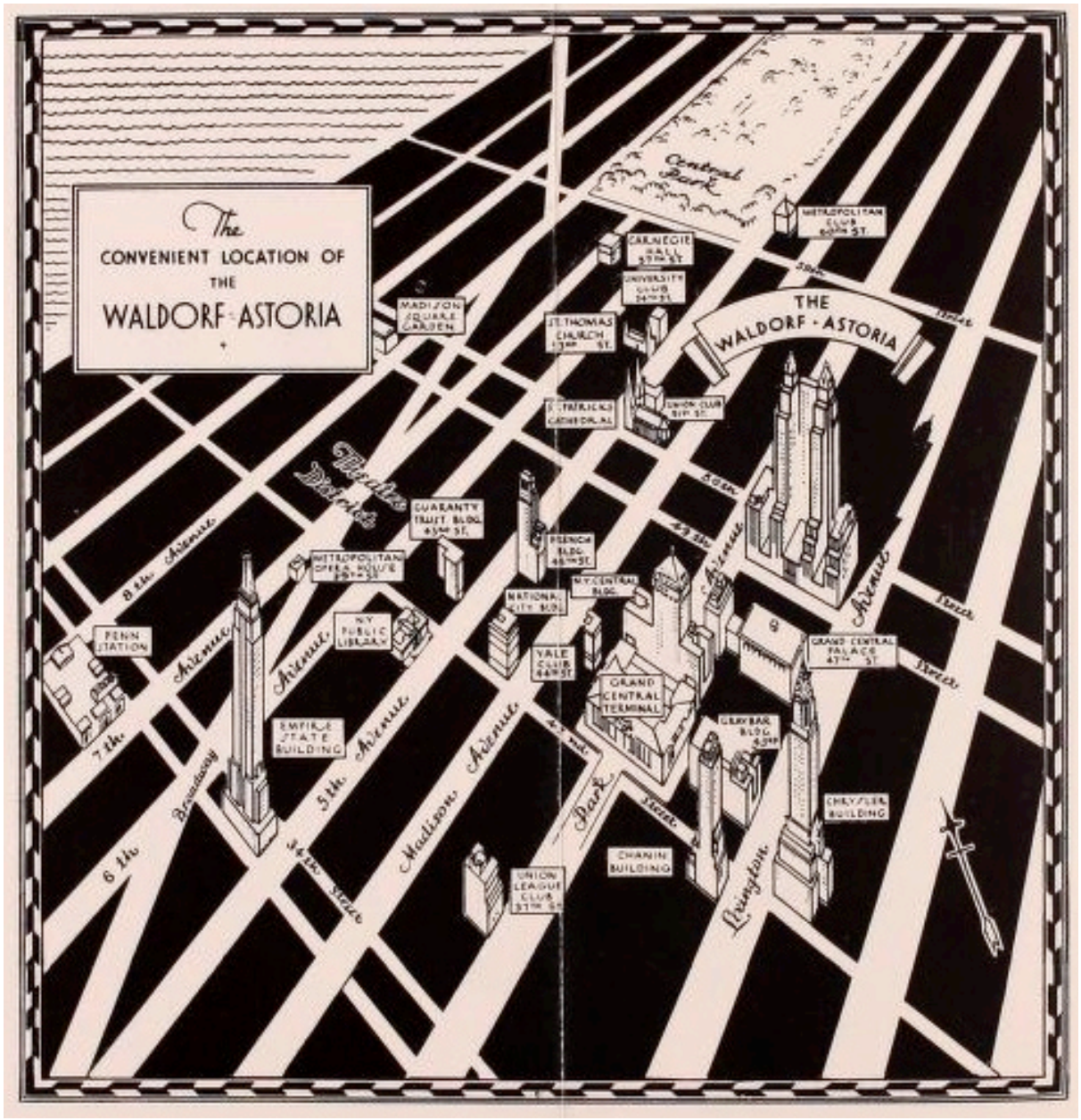
The committee while they perceive that the ſeed which it is now propoſed to ſow, is to yield a future harveſt, will at the ſame time, juſtly appreciate the various beneficial conſequences which muſt reſult from the immediate adoption, and the ſtriking inconveniencies and danger to be apprehended from a poſtponement of the meaſure.

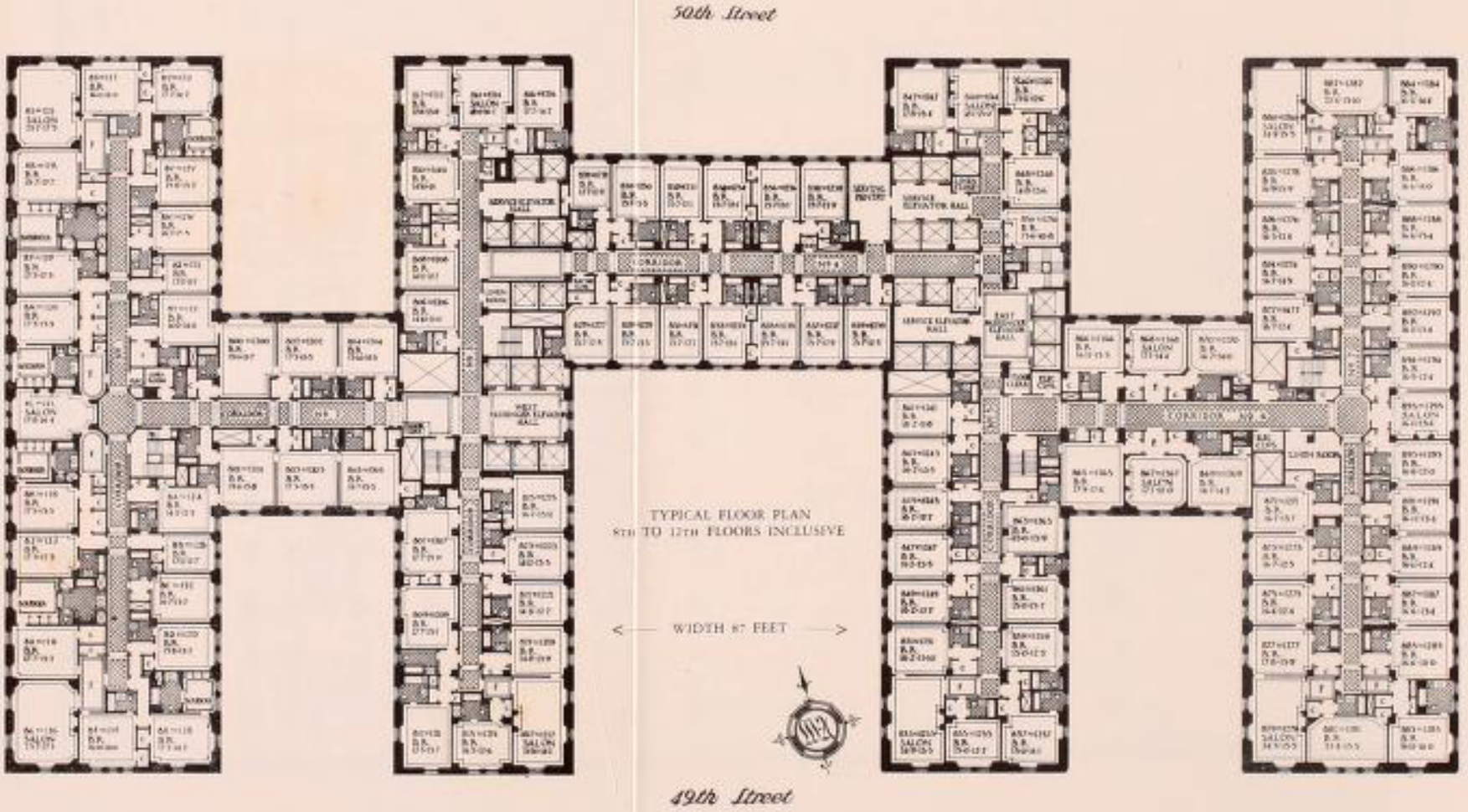
Whether our country is to be plunged into a war or enjoy for a length of time the bleſſings of peace and interior tranquility; whether the portentous events which have afflicted Europe, and in their progreſs threatened the United States are to ſubſide into a ſettled ſtate of things; whether the bleſſings of peace and the cuſtomary relations among the tranſatlantic powers, are to take place, or hoſtilities ſhall be continued protracted and extended beyond their preſent limits, in either view it is equally a ſuggeſtion of policy and wiſdom to improve our means of defence, and give as much perfection as poſſible to ſuch eſtabliſhments as may be conceived eſſential to the maintenance of our rights and ſecurity from inſults.

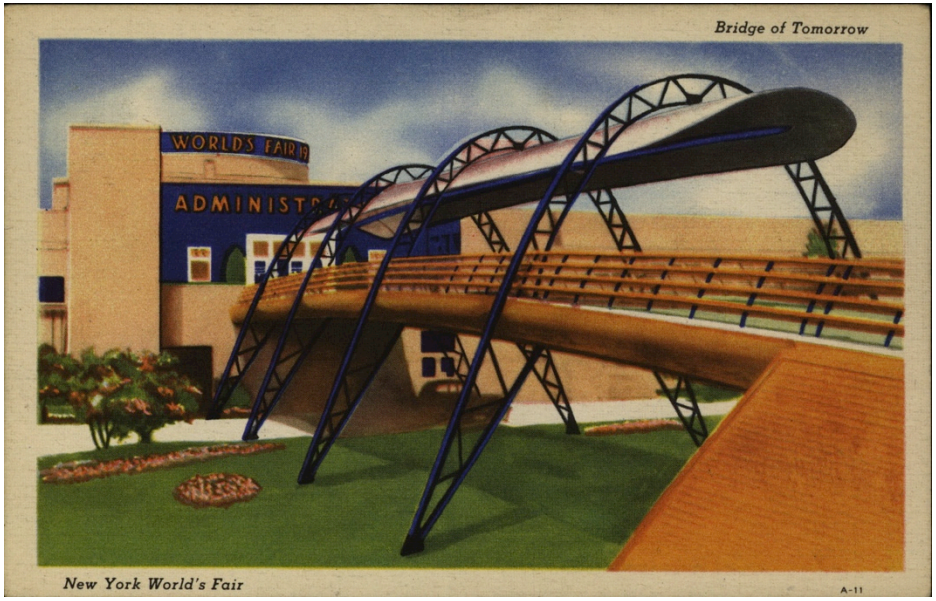
The unavoidable colliſions growing out of trade and the reciprocal reſtrictions of great commercial ſtates; the apprehenſions and jealouſies natural to powers poſſeſſing contiguous territory; the inefficacy of religion and morality to controul the paſſions of men, or the intereſt and ambition of nations; the impoſſibility at times, for governments to adjuſt their differences or preſerve their rights without making ſacrifices more to be dreaded than the hazards and calamities of war; all theſe conſiderations, illuſtrated by volumes of examples, teach the ſoundneſs of the axiom, *Si vis pacem para bellum*. And what time more proper to prepare the materials for war, than a time of peace, or more urgent than that in which a nation is threatened with war.

I have the honor to be,
With the greateſt reſpect,
SIR,
Your moſt obedient ſervant,
JAMES M'HENRY,
Secretary of War.

Harriſon G. Otis, Eſq. Chairman of the Committee of Defence.


The
CONVENIENT LOCATION OF
THE
WALDORF-ASTORIA
Central Park
METROPOLITAN CLUB
CARNEGIE HALL
UNIVERSITY CLUB
MADISON SQUARE GARDEN
ST. THOMAS CHURCH
THE WALDORF-ASTORIA
ST. PATRICK'S CATHEDRAL
UNION CLUB
Theater District
GUARANTY TRUST BLDG.
FRENCH BLDG.
METROPOLITAN OPERA HOUSE
NATIONAL CITY BLDG.
N.Y. CENTRAL BLDG.
N.Y. PUBLIC LIBRARY
PENN STATION
YALE CLUB
GRAND CENTRAL TERMINAL
GRAND CENTRAL PALACE
EMPIRE STATE BUILDING
GRAYBAR BLDG.
CHRYSLER BUILDING
CHANIN BUILDING
UNION LEAGUE CLUB
8th Avenue
7th Avenue
6th Avenue
5th Avenue
Madison Avenue
Park Avenue
Lexington Avenue
Broadway
34th Street
Street


50th Street
Park Avenue
Lexington Avenue
TYPICAL FLOOR PLAN
8TH TO 12TH FLOORS INCLUSIVE
WIDTH 87 FEET
49th Street


Bridge of Tomorrow
WORLD'S FAIR
New York World's Fair
A-11

SINGER BUILDING, BY NIGHT
NEW YORK CITY
6153

THE EMPIRE STATE BUILDING is the tallest structure in the world. Standing on the site of the famous old Waldorf-Astoria Hotel, at Fifth Avenue and 34th Street, it rises 1250 feet from the street to the top of the mooring mast. In its construction, 60,000 tons of steel, 10,000,000 bricks and 17,000,000 feet of communication wire were used. Less than 20 months were required to erect this super-structure . . . a magnificent tribute to modern engineering. The glorious views from the windows of its twin observatories, 102 stories high, make it literally true that the entire city of New York lies at your feet.
TO GRAND CENTRAL TERMINAL
ALTMAN'S
FIFTH AVENUE

DAVID BELASCO'S
STUYVESANT THEATRE
DAVID WARFIELD
IN
A GRAND ARMY MAN
The PLAYBILL
for the St. James Theatre
THE KING AND I
TIMES SQUARE THEATRE
SELWYN & CO.
LESSEES AND MANAGERS.
Winter Garden
PLAYBILL
the magazine for theatregoers
FUNNY GIRL

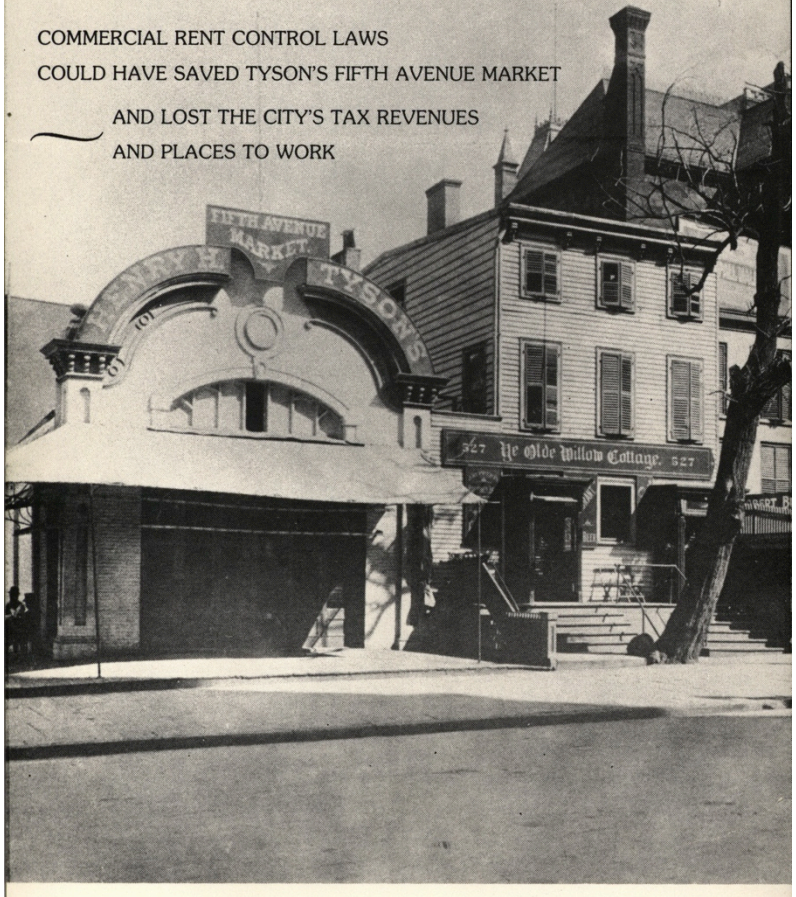
FIFTH AVENUE AND 44TH STREET

1905

Save The Stores

Stop The Rent Increases

COMMERCIAL RENT CONTROL LAWS
COULD HAVE SAVED TYSON'S FIFTH AVENUE MARKET
AND LOST THE CITY'S TAX REVENUES
AND PLACES TO WORK



SITE OF 521 & 529 FIFTH AVENUE

Fig. 4. Grand Central Depot, c. 1886. This photograph of the 42nd Street facade also shows the annex of 1885 along the western flank of the building.

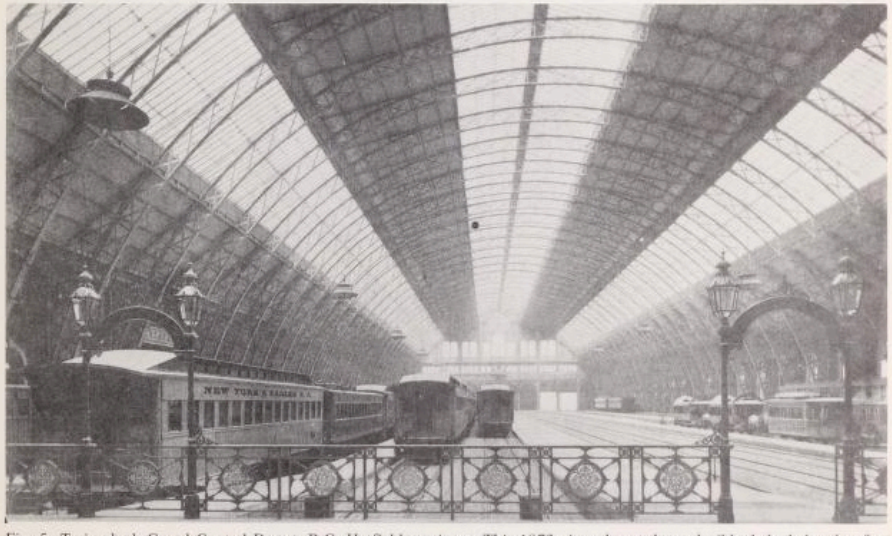
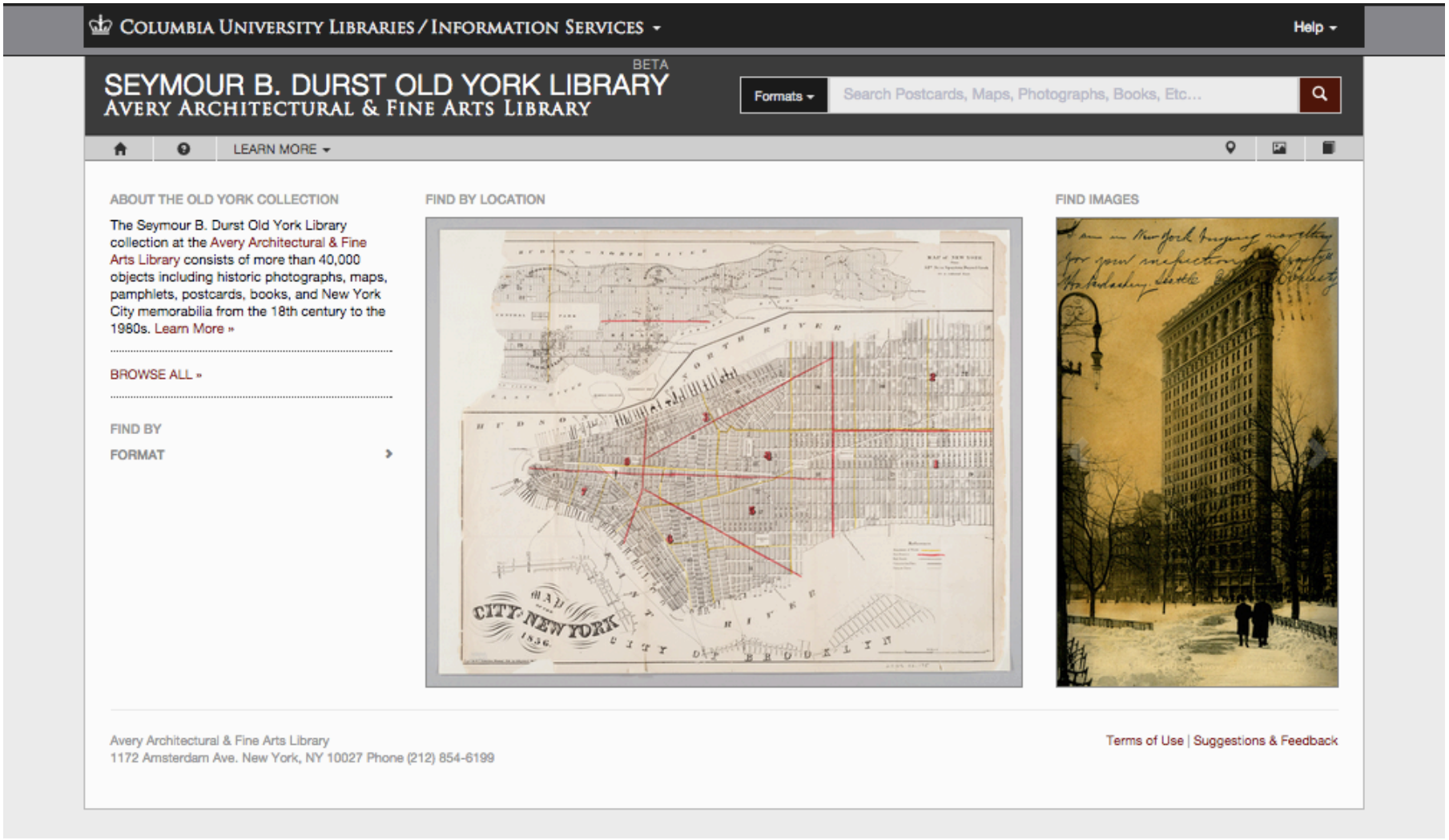
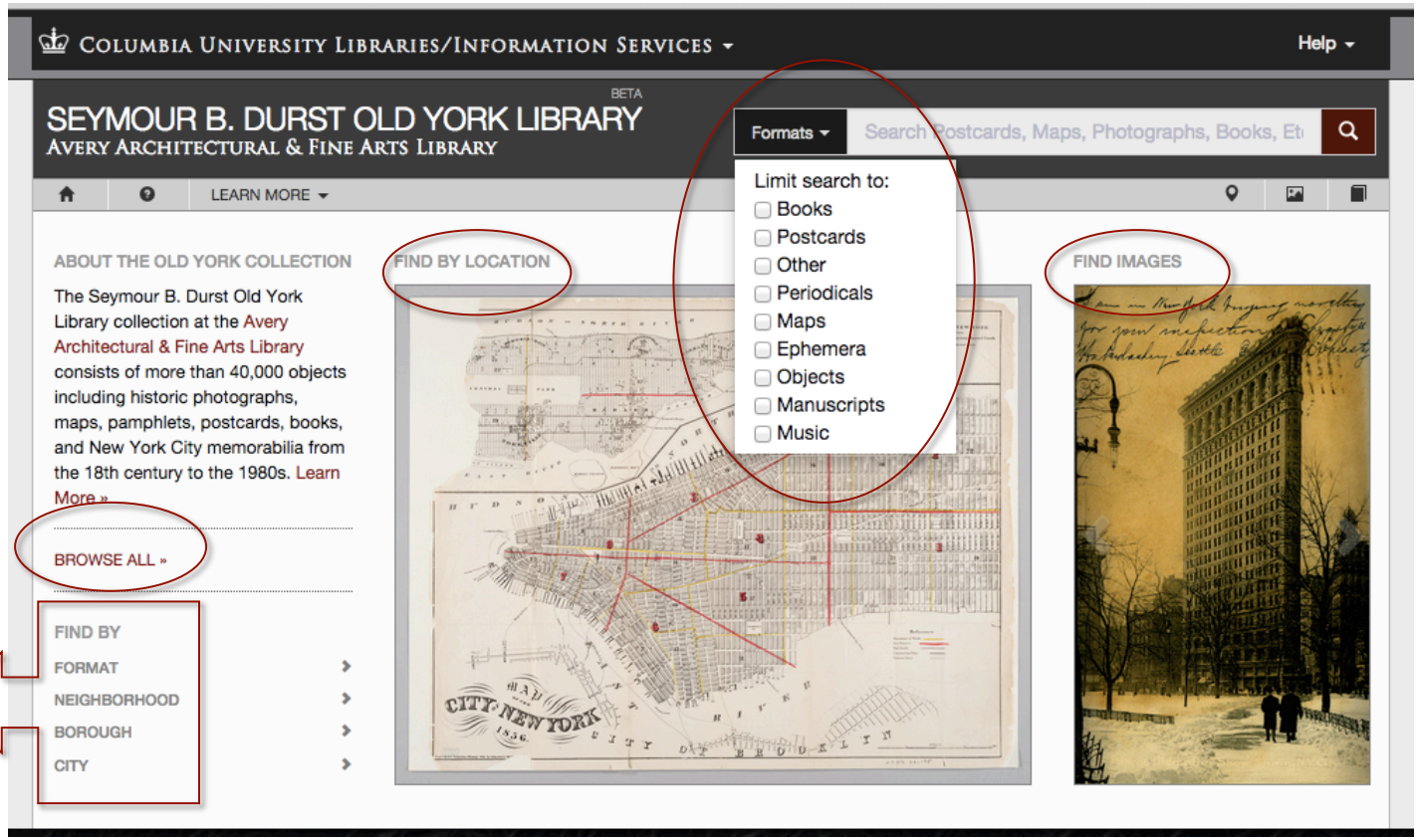


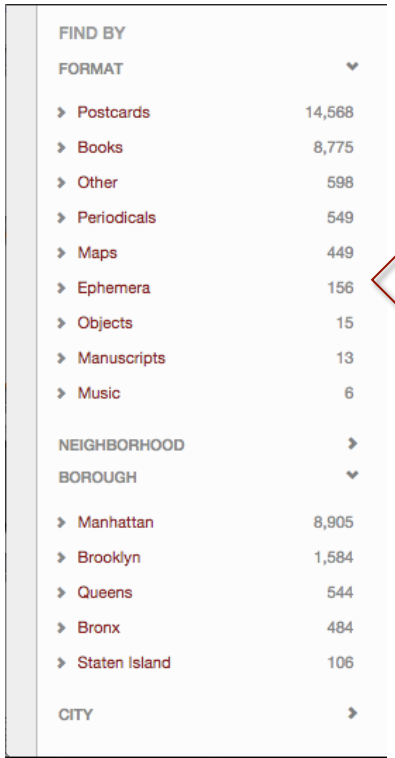
Fig. 5. Train shed, Grand Central Depot, R.G. Hatfield, engineer. This 1873 view shows the arch-ribbed shed shortly after opening. Note the horse-drawn cars at the right and the glass-and-metal curtain wall at the northern end.

Project: ensure broad access

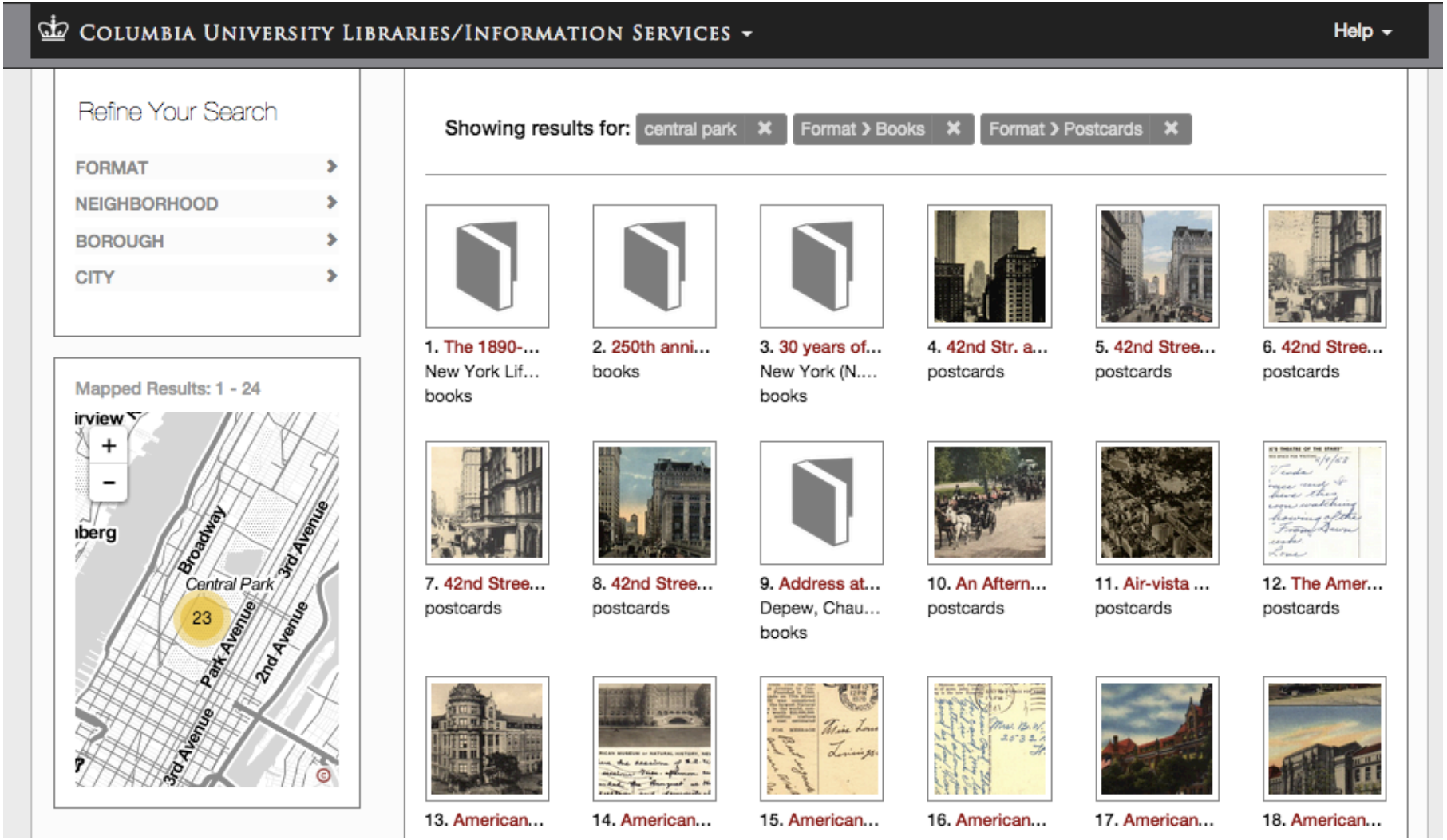


Discovery pathways





Search result



Single record display

3 of 8

NEIGHBORHOOD
Battery Park City-Lower Manhattan

BOROUGH
Manhattan

CITY
New York

ADDRESS
55 Wall Street

COORDINATES
40.706190894264786,-74.00916484564914

Display XML Metadata

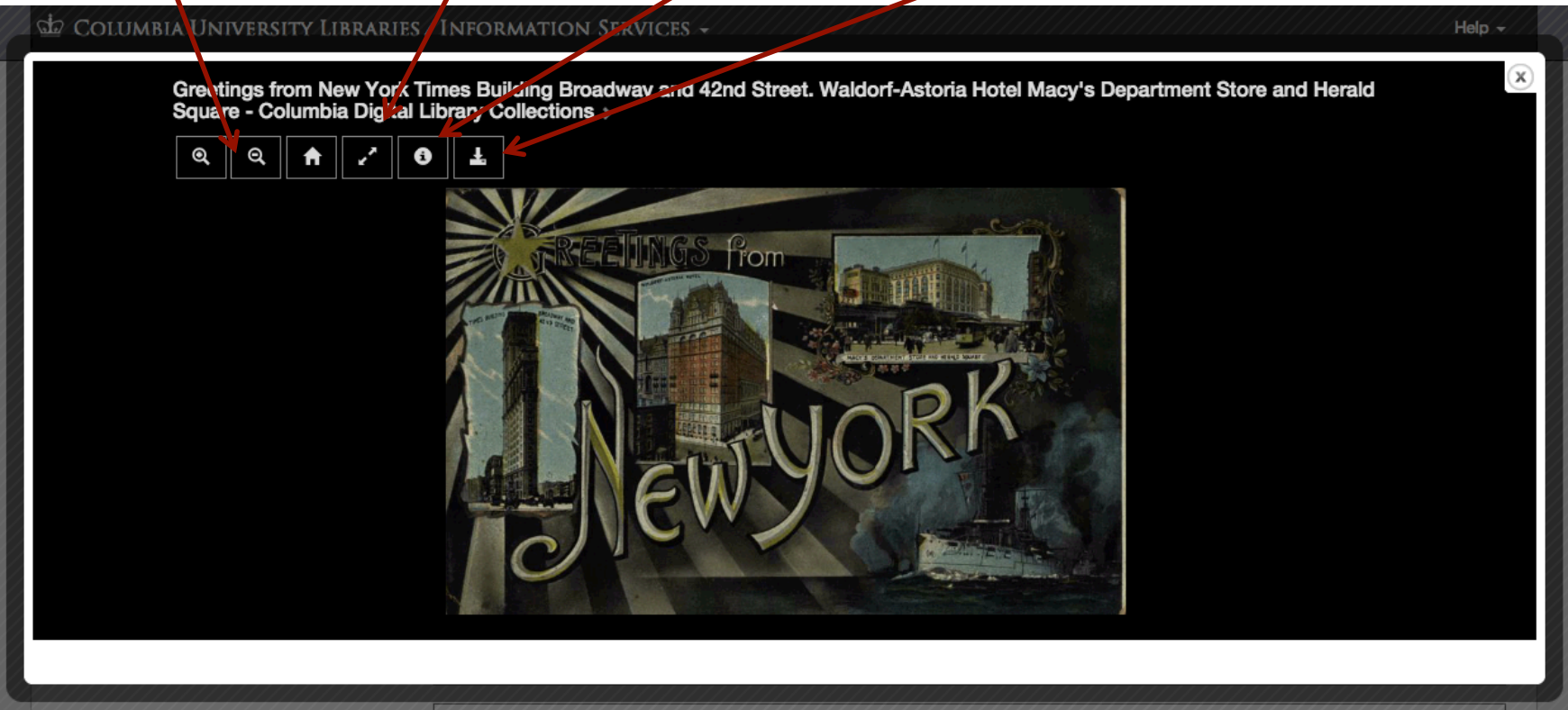
The National City Bank of New York. Banking Room, Looking West.

Image 1

Title: The National City Bank of New York. Banking Room, Looking West.
Physical Description: Monochromatic
Subjects: Interiors
Wall Street (New York, N.Y.)
National City Bank of New York
Format: postcards

Image palette

Pan/Zoom Full Screen Data Display Citation



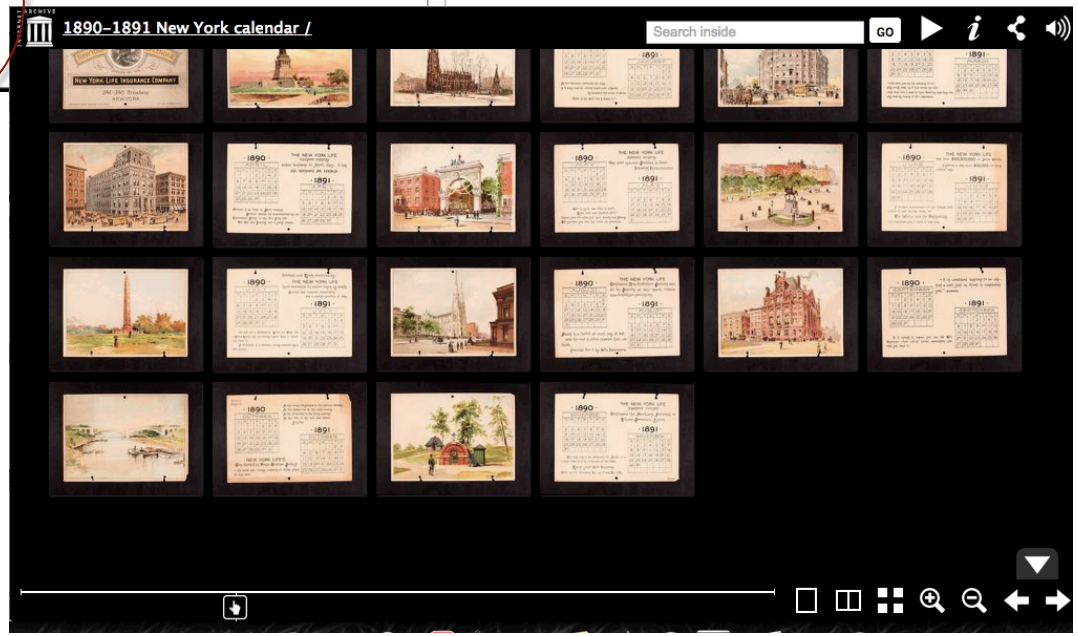
Columbia University Libraries/Information Services ▾ Help ▾

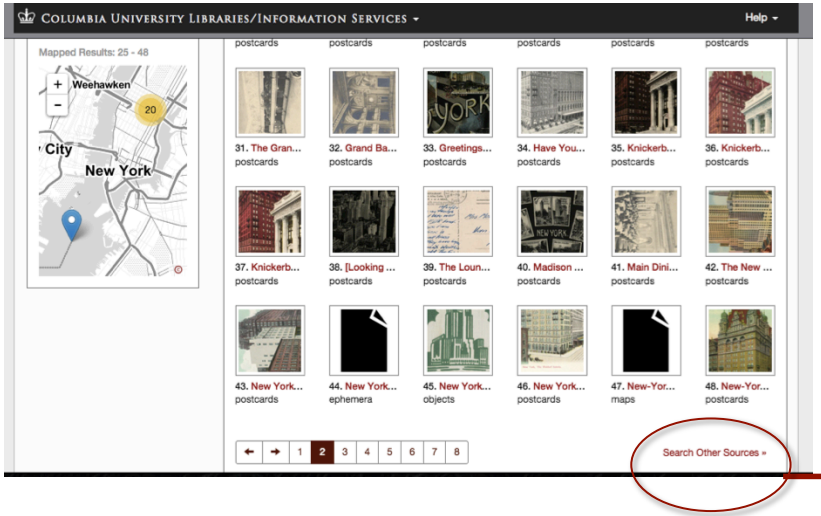
ADDRESS
New York City
COORDINATES
40.7594300, -73.9681150

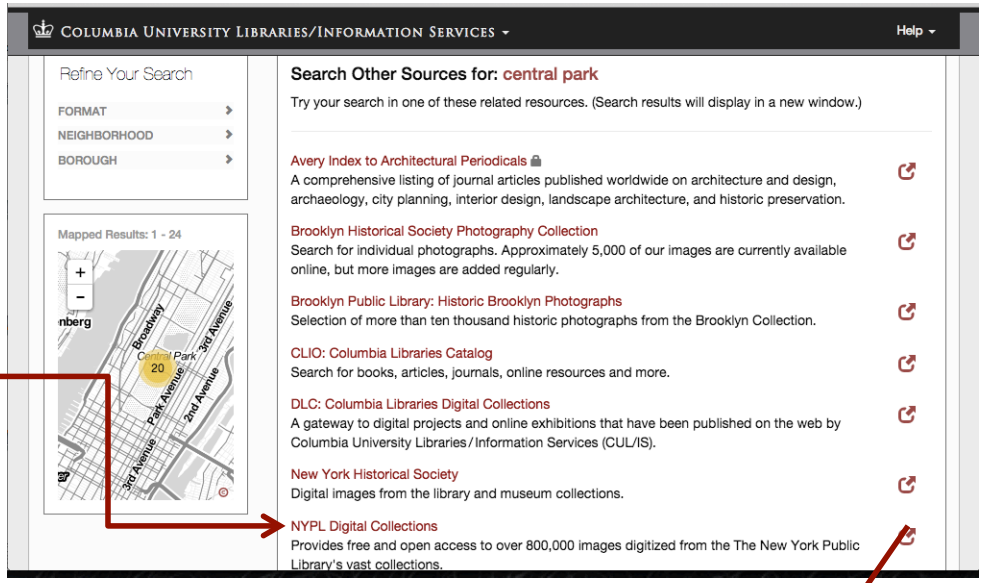
Display XML Metadata

Title:	The 1890-1891 New York calendar
Name:	New York Life Insurance Company G.H. Buek & Co
Published:	New York : New York Life Insurance Co, 1889
Physical Description:	[12] p., 1 leaf : chiefly col. ill. ; 13 x 18 cm.
Subjects:	Manhattan (New York, N.Y.) > Pictorial works. New York (N.Y.) > Pictorial works. New York City
Format:	books
Notes:	Cover title Lith. by G.H. Buek & Co., N.Y. Includes watercolor illustrations of the Statue of Liberty, Trinity Church, New York Post Office, New York Life Insurance Building, Washington Memorial Arch, Union Square, Obelisk in Central Park, St. Patricks Cathedral, Union League Club, Washington Bridge, and Grant's Tomb Avery Classics (Offsite) copy: Unbound Avery Classics (Offsite) copy: Pages for Feb. and Dec. wanting Avery Classics (Offsite) copy: From the library of Seymour Durst with his bookplate
Online:	click here for full-text
Catalog Record:	check availability check availability

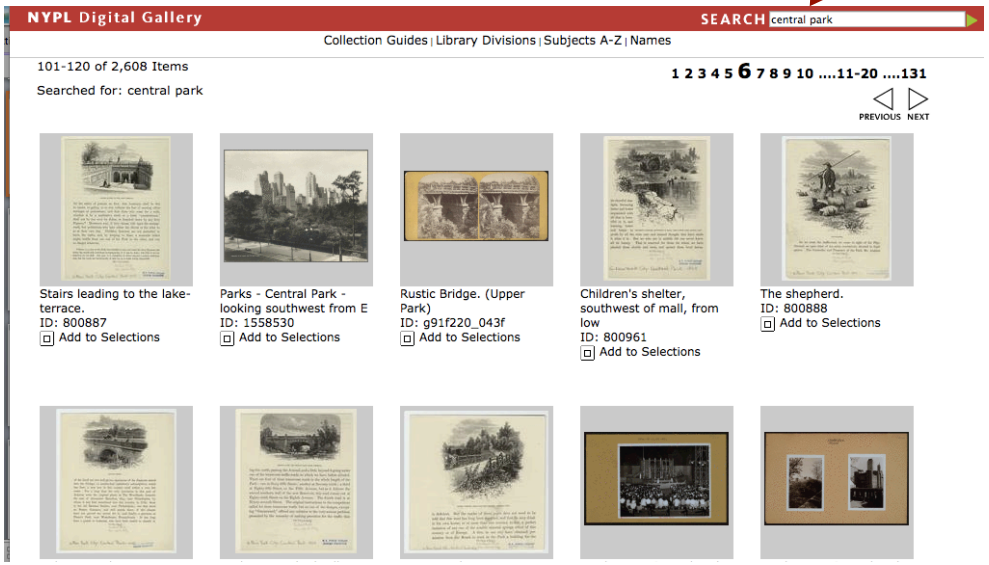
Access





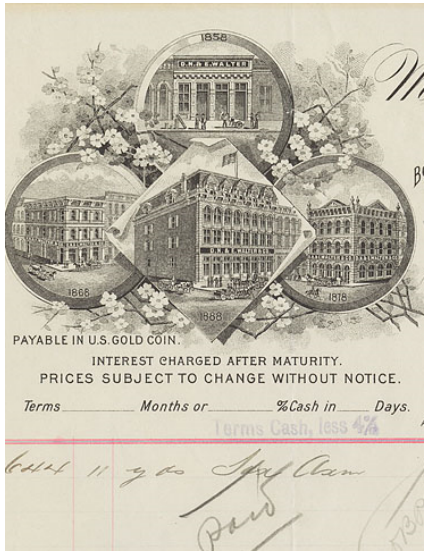


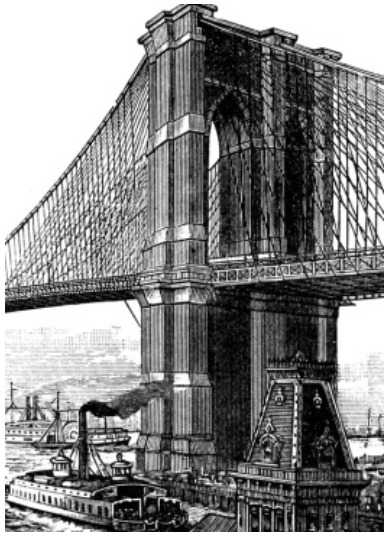
Related content



Place-Based Discovery

- Biggert Architectural Vignettes
- New York Real Estate Brochure Collection
- Seymour B. Durst Old York Library
- Built Works Registry





The Biggert Collection of Architectural Vignettes on Commercial Stationery

Gift of Robert Biggert in Honor of Lisa Ann Riveaux

Explore the Collection

SEARCH

Search by company name, city, state, medium, or date.

Go Advanced Search »

Example: Albany brick works

BROWSE THE COLLECTION

Browse by:

- Companies
- Locations
- Image Gallery

ABOUT THE COLLECTION

The Robert Biggert Collection of Architectural Vignettes on Commercial Stationery was donated to the Avery Architectural and Fine Arts Library by Robert Biggert in honor of Lisa Ann Riveaux. This unique collection of printed ephemera contains over 1,300 items with architectural imagery spanning the dates 1850 to 1920, in more than 350 cities and towns in forty-five states, as well as the District of Columbia and U.S. possessions. The collection's billheads, letterheads, envelopes, checks, and business cards document the rise of the United States as an industrial nation, in often elaborate vignettes of factories, warehouses, mines, offices, stores, banks, and hotels.

Search Results

Refine search

Your search for **lancaster and "Pennsylvania" (state)** returned **4** hit(s)

Displaying hits 1-4 of 4 Sort by: Relevancy **Jump to page:** << [prev] **1** [next] >>

View

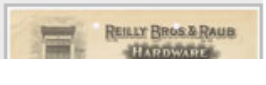
D. P. Locher & Son, Bankers (Check)
Company: D. P. Locher & Son, Bankers
Medium: Check
City/state: Lancaster, PA
Date: 1870 - 1879
Side: Recto
Call no.: ave_biggert_01374

View

Reilly Bros. & Raub (Letter)
Company: Reilly Bros. & Raub
Medium: Letter
City/state: Lancaster, PA
Date: 1936
Side: Recto
Call no.: ave_biggert_01375

View

Downey Bros. Spoke & Bending Co. (Bill)
Company: Downey Bros. Spoke & Bending Co.
Medium: Bill
City/state: Lancaster, PA
Date: 1912
Side: Recto
Call no.: ave_biggert_01697



Reilly Bros. & Raub (Bill)
Company: Reilly Bros. & Raub

LIMIT RESULTS

Cities/States

Lancaster, PA (4)

Companies

Reilly Bros. & Raub (2)

D. P. Locher & Son, Bankers (1)

Downey Bros. Spoke & Bending Co. (1)

States

Pennsylvania (4)

(remove limit)

Media

Bill (2)

Check (1)

Letter (1)

Date

1870-1879 (1)

1910-1919 (2)

1930-1939 (1)

Home | About | Places & People

The New York Real Estate Brochure Collection

Donated by Yale Robbins, Henry Robbins, & David Magier

Search the collection

Find building information, architects, floorplans, and more.

Search: [ ] [All Locations] [Go]

advanced search >

About the Collection

The New York Real Estate Brochure Collection was donated to Avery Architectural & Fine Arts Library by Yale Robbins, Henry Robbins, and David Magier in 1986. The collection consists of over 9,200 advertising brochures, floor plans, price lists, and related materials that document

News

Christopher Gray in the *New York Times'* **Streetscapes** writes about the NYRE Brochure Collection (August 26, 2010).
Read the article >

NYRE Brochure Collection site receives the **Worldwide Books Award for Electronic Resources**
Read more >

Browse the collection

The Real Estate Brochure Collection is divided into **places**, such as buildings or

locational data

Search the collection

Find building information, architects, floorplans, and more.

Search: All Locations Go

advanced search >

News

Christopher Gray in the *New York Times'* **Streetscapes** writes about the NYRE Brochure Collection (August 26, 2010).

Read the article >

NYRE Brochure Collection site receives the

Brooklyn Heights - Cobble Hill

Map | About Neighborh

Neighborhood information

Name: Brooklyn Heights - Cobble Hill

Borough: Brooklyn

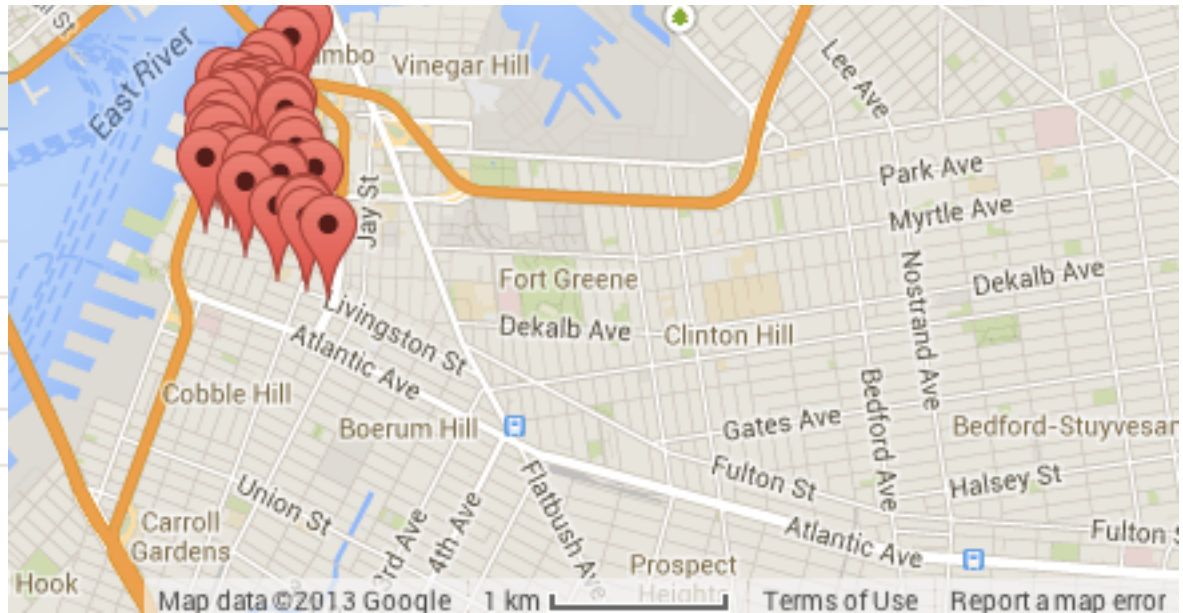
City: New York

Find an ad

Buildings in this neighborhood (38)

Displaying neighborhoods 1 - 38 of 38

Address(es)
100 Clark St.
100 Clinton St.
100 Remsen St.
111 Livingston St.
130 Hicks St.
135 Willow St.
139-153 Hicks St.



COLUMBIA UNIVERSITY LIBRARIES / INFORMATION SERVICES

Help

SEYMOUR B. DURST OLD YORK LIBRARY
AVERY ARCHITECTURAL & FINE ARTS LIBRARY

Formats | Search Postcards, Maps, Photographs, Books, Etc...

LEARN MORE

ABOUT THE OLD YORK COLLECTION

The Seymour B. Durst Old York Library collection at the Avery Architectural & Fine Arts Library consists of more than 40,000 objects including historic photographs, maps, pamphlets, postcards, books, and New York City memorabilia from the 18th century to the 1980s. Learn More »

RECENT NEWS

MORE »

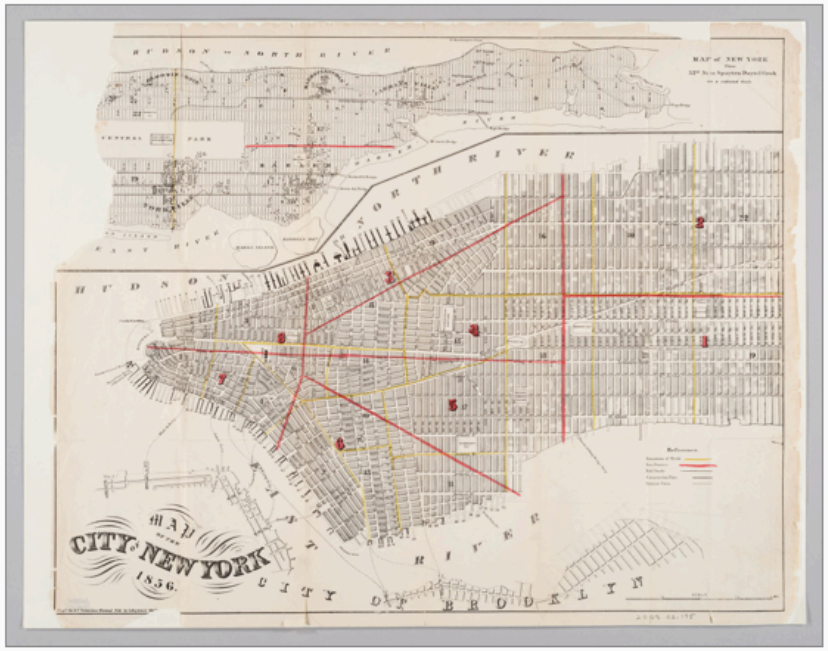
Exciting News Post Title 1
MM/DD/YYYY
More New Content added..

News Post Title 2
MM/DD/YYYY
New Content added..

FIND BY

- FORMAT
- NEIGHBORHOOD
- BOROUGH
- CITY

FIND BY LOCATION

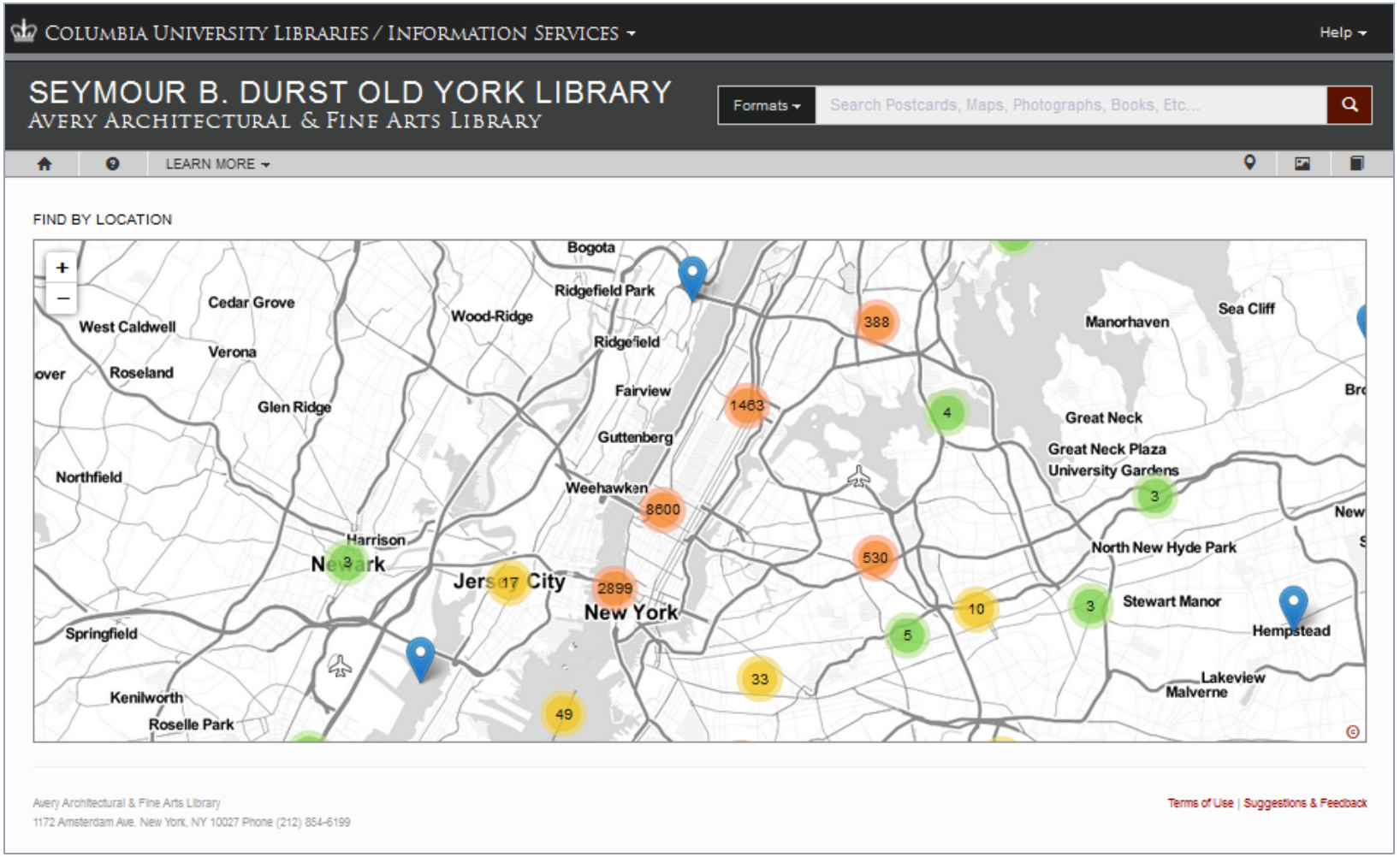


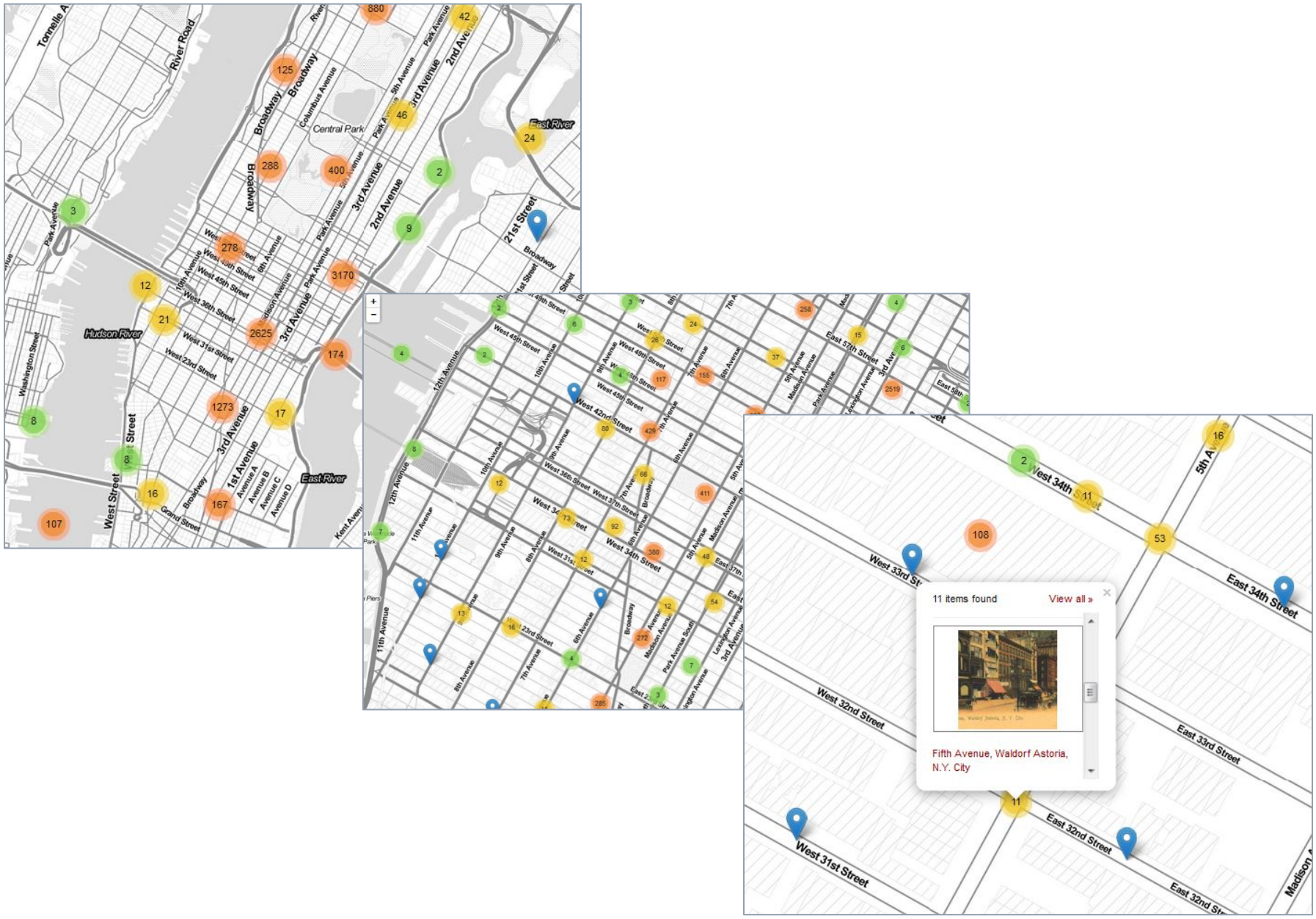
FIND IMAGES

535 West 114th St. New York, NY 10027 Telephone (212) 854-7309 Fax (212) 854-9099

Terms of Use | Suggestions & Feedback

Discovery: mapping interface





Tonnelle A
River Road
Broadway
Columbus Avenue
Central Park
Park Avenue
5th Avenue
3rd Avenue
2nd Avenue
East River
21st Street
Hudson River
Washington Street
West Street
1st Avenue
Avenue A
Avenue B
Avenue C
Avenue D
Grand Street
West 49th Street
West 45th Street
West 36th Street
West 31st Street
West 23rd Street
10th Avenue
6th Avenue
Madison Avenue
West 42nd Street
West 34th Street
West 23rd Street
12th Avenue
11th Avenue
9th Avenue
8th Avenue
7th Avenue
Broadway
Madison Avenue
Park Avenue South
Lexington Avenue
East 57th Street
West 34th Street
West 33rd Street
West 32nd Street
West 31st Street
East 34th Street
East 33rd Street
East 32nd Street
11 items found
View all »
Fifth Avenue, Waldorf Astoria, N.Y. City

COLUMBIA UNIVERSITY LIBRARIES / INFORMATION SERVICES

Help

SEYMOUR B. DURST OLD YORK LIBRARY
AVERY ARCHITECTURAL & FINE ARTS LIBRARY

Formats | Modify current search...

LEARN MORE

1 - 11 of 11

24

Refine Your Search

FORMAT

BOROUGH

CITY

Mapped Results: 1 - 11

Showing results for: Coordinates > 40.74715309302538,-73.9854954103767

1. 5th Ave. North ...
postcards

2. 5th Ave. North ...
postcards

3. Fifth Ave., Wal...
postcards

4. Fifth Avenue, N...
postcards

5. Fifth Avenue, N...
postcards

6. Fifth Avenue, N...
postcards

7. Fifth Avenue, ...
postcards

8. Fifth Avenue, ...
postcards

9. Fifth Avenue, ...
postcards

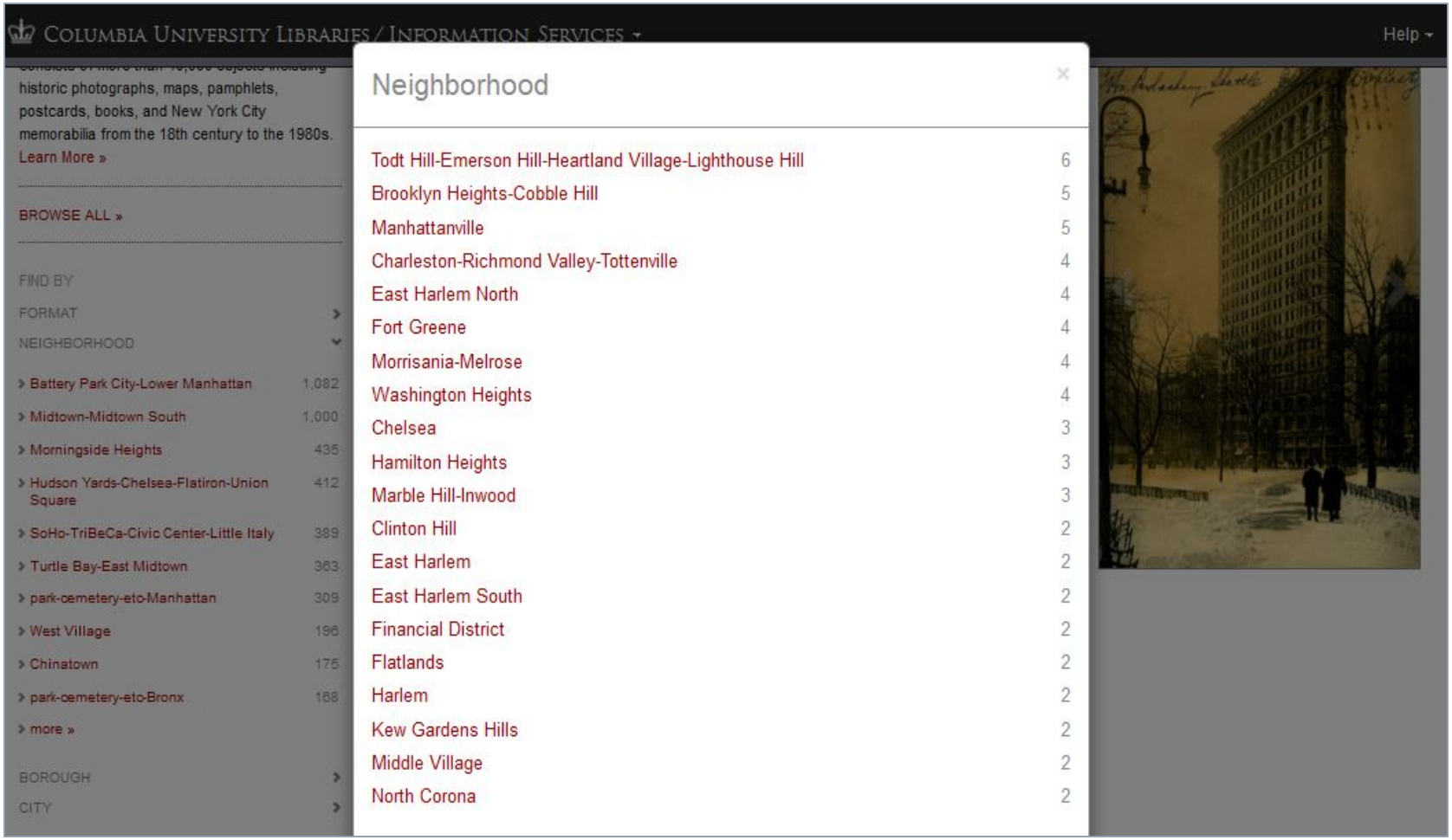
10. Hotel Aberdee...
postcards

11. Hotel Aberdee...
postcards

Avery Architectural & Fine Arts Library
1172 Amsterdam Ave. New York, NY 10027 Phone (212) 854-6199

Terms of Use | Suggestions & Feedback

Discovery: neighborhood facet



Course integration

"History of Real Estate Development in New York City"

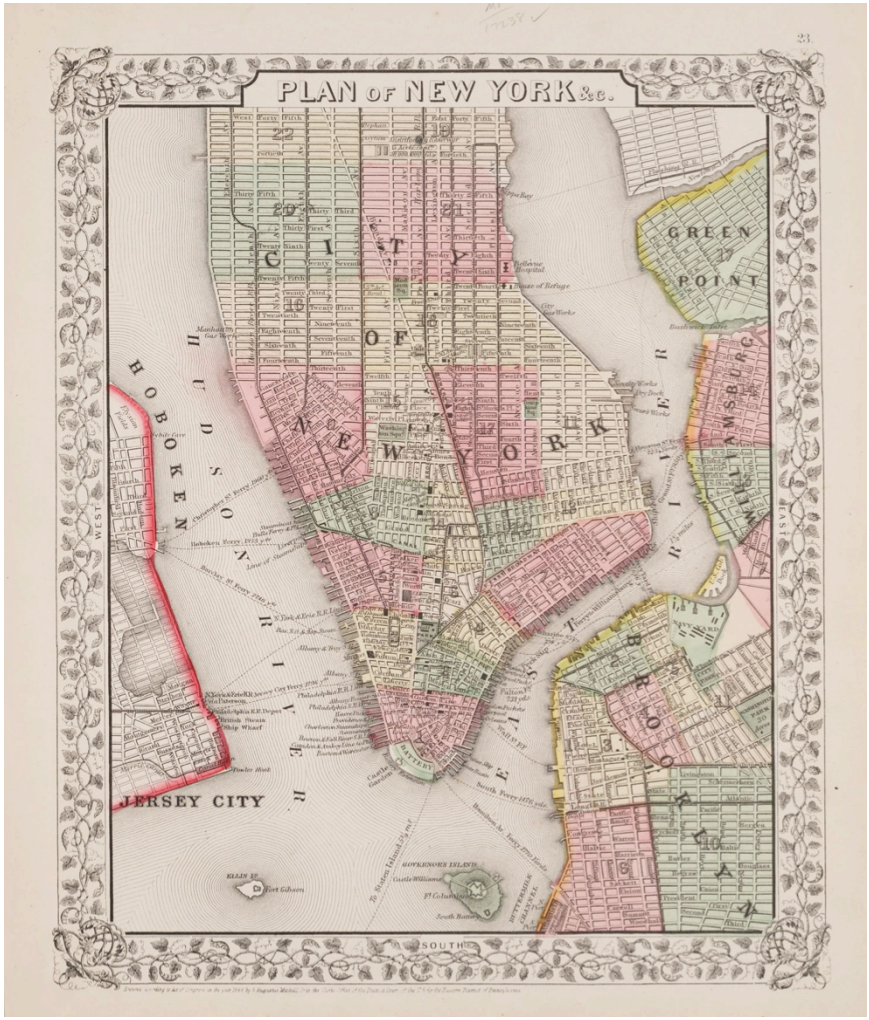
GSAPP – RED program

Summer session: 2012, 2013, 2014

~100 grad students each year

2014 summer course interactions:

- basic instruction session (90 students)
- reference interaction (67 students)
- research consultation (35 students)



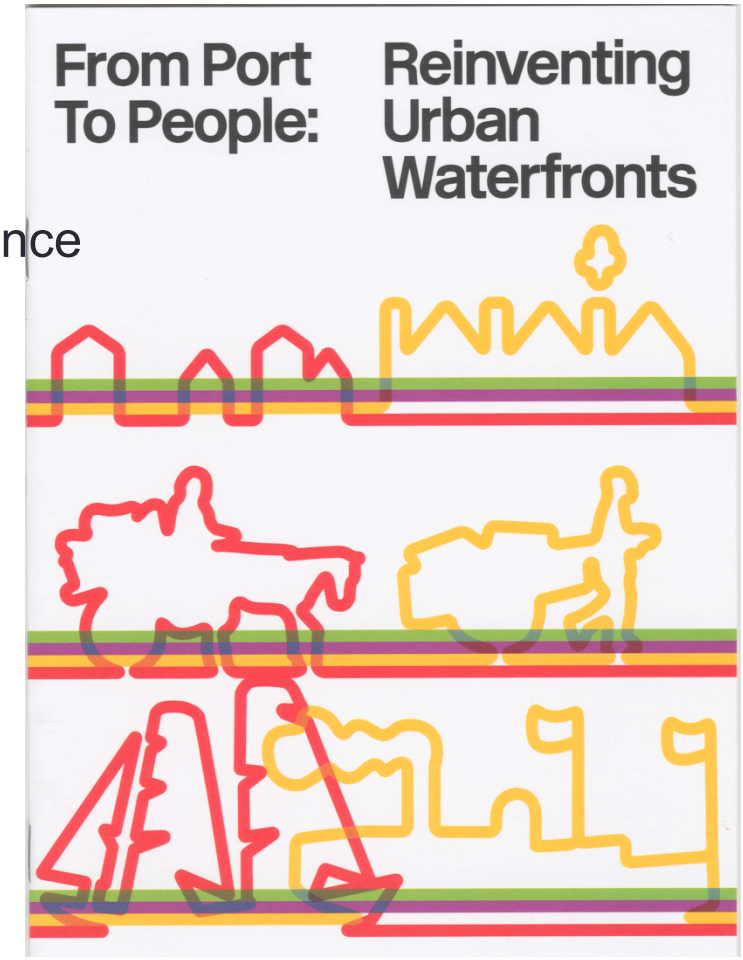
Symposia

GSAPP CURE: *The Center for Urban Real Estate*

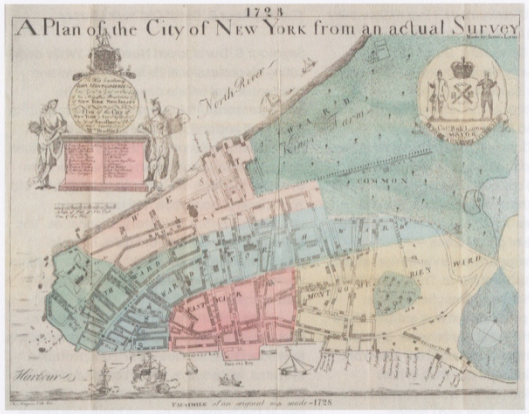
May 11, 2012
Megaprojects:
An Urban Planning and Development Conference

April 11, 2013
Mind the Gap:
Transit Lessons from New York and London

April 25, 2014
From Port to People:
Reinventing Urban Waterfronts



Publications



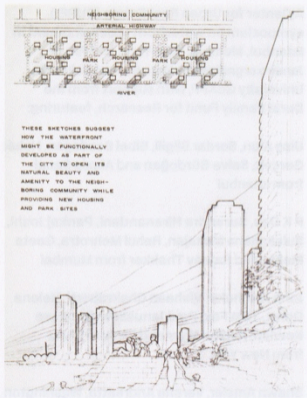
Plan of lower Manhattan.

A plan of the city of New York from an actual survey made by James Lyne.
New York: Charles Magnus, ca. 1800.
Seymour B. Durst Old York Library
Avery Architectural & Fine Arts Library, Columbia University

Bird's eye perspective over Long Island City, Queens, Roosevelt Island, to midtown Manhattan.

East Point redevelopment project. Report prepared by Hart, Krivatsy, Stubee. New York, 1969.
Seymour B. Durst Old York Library
Avery Architectural & Fine Arts Library, Columbia University

South Street Seaport: a plan for a vital new historic center in Lower Manhattan. New York: South Street Seaport Museum, ca. 1969.
Seymour B. Durst Old York Library
Avery Architectural & Fine Arts Library, Columbia University



The port of New York, proposals for redevelopment; comprehensive planning report.
New York: City Planning Commission, 1964.
Seymour B. Durst Old York Library
Avery Architectural & Fine Arts Library, Columbia University

Aerial view of the future site of Battery Park City.

The New York City waterfront: comprehensive planning workshop.
New York: New York City Planning Commission, 1974.
Seymour B. Durst Old York Library
Avery Architectural & Fine Arts Library, Columbia University

Q & A

References

Advancing from Kumbaya to Radical Collaboration: Redefining the Future Research Library, Neal, James, Journal of Library Administration, 1/2011, http://hdl.handle.net/10022/AC:P:20919

Blue Ribbon Task Force on Digital Preservation and Access, 2/2010, http://brtf.sdsc.edu/biblio/BRTF_Final_Report.pdf

"Challenges and Opportunities of Open Source in Higher Education", Fuchs, Ira, The Tower and the Cloud, Educause, 2008, pp. 150-157, http://net.educause.edu/ir/library/pdf/pub7202.pdf

Definitions of Digital Preservation, ALA, 6/2007, http://www.ala.org/alcts/resources/preserv/defdigpres0408

The Open-Source Movement, Warger, Thomas A., Educause Review, 1/1/2002, http://www.educause.edu/ero/article/open-source-movement