

Beyond GIS: The Promise of Spatial Humanities

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Virtual Center for Spatial Humanities

Purdue University

November 7, 2014

“We know not through our intellect but through our experience.”

Maurice Merleau-Ponty, *Phenomenology of Perception* (1945)

Post-Modernism

subjective, experiential

contingency, ambiguity

fluidity, simultaneity

multiplicity, diversity

emphasis on agency

skeptical, especially of experts

Unstructured interactions

Volunteered information

Blurred disciplinary boundaries

Does not privilege expert

Networked participant-collaborators

Open to experiential knowledge

What perspectives engage humanists?

- Multiple realities
- Interdependency
- Intercultural and trans-cultural
- Multi-scalar and inter-scalar
- Hybridity and complexity

Increased attention to space and spatiality,
beginning in 1960s

New technologies support the spatial turn, with GIS
the primary tool-kit

Critique of GIS

Emergence of GIScience

(Re)Discovery of the Power of Maps

“Relationships that jump out when presented in a spatial format such as a map tend to clog a narrative, choking its arteries, until—even if the narrative does not expire—the reader, overwhelmed by detail, is ready to die of tedium and confusion.”

Richard White, *Placing History* (2008)

Historical GIS (Spatial Humanities 1.0)

Spatial turn in humanities in 1980s/1990s

Emphasis on integration, visualization, and
spatial analysis through GIS-facilitated tools and
methods

Strategic datasets (various national HGIS projects)

International collaborations

New genres of scholarship in history, archaeology,
cultural studies, etc. (e.g., Historical GIS)

Spatial Humanities

National Historical GIS

NHGIS
National Historical Geographic Information System

Home Shape Finder Data Finder Extract History Contact Us Site Map Accessibility

Welcome to NHGIS

The National **Historical** Geographic Information System (NHGIS) provides, free of charge, aggregate census data and GIS-compatible boundary files for the United States between 1790 and 2000. NHGIS offers the following options to obtain data:

- The **NHGIS Shape Finder** provides access to **boundary files** for mapping data in a **GIS software package**.
- The **NHGIS Data Finder** provides access to **aggregate census data**.

news

- NHGIS memory upgrade on 4/28/11
- New School Attendance Boundaries Data
- NHGIS Updates

Home Start Info Impressum Links Kontakt English

welche staaten? welche provinzen? welche straßen? welche bilder?
 er? welche regierungsbezirke? welche alianzen? welche dokumente?
 nte? welche jahre? welche grenzen? welche räume? welche wapp
 pen? welche dynastien? welche exklaven? welche hauptstädte?
 welche gebietsveränderungen? welche flüsse? welche verfassun
 gen? welche entfernungen? welche stahlproduktion? welche geb
 ietsveränderungen? welche eisenbahnen? welche kohleförderung
 ? welche monarchen? welche inseln? welche flächengrößen? we
 che textilproduktion? welche dokumente? welche flaggen? welch
 e jahre? welche alianzen? welche kondominate? welche staaten
 che regierungsbezirke? welche alianzen? welche straßen
 ente? welche wirtschaftsräume? welche gebietsveränder
 che wappen? welche exklaven? welche flüsse? welche b
 welches kulturerbe? welche unionen? welche hauptstädte
 on? welche dynastien? welche wirtschaftsräume? welche gebie
 te provinzen? welche inseln? welche bilder? welche textil
 on? welche zeiträume? welche wappen? welche verfass
 welche staaten? welche provinzen? welche straßen? we
 er? welche bezirke? welche alianzen? welche wirtschaft

w.hgis-germany.de

ny ist ein multimediales historisch-geographisches Informationssystem der Staaten
 und Mitteleuropas seit 1820. Es wird erarbeitet am Institut für Europäische Geschichte
 sowie am Institut für Raumbezogene Informations- und Messtechnik (i3mainz) der
 le Mainz. Kooperationspartner ist das Deutsche Historische Museum (DHM) in Berlin.
 ist die Alfred Krupp von Bohlen und Halbach-Stiftung, zusätzlich das Land Rheinland-Pfalz.

地歷圖史
中文版

China Historical GIS

Gazetteer Search Engine
 List of Free Datasets
 XML Web Service
 Skinner Map Collection

with funding from the Henry Luce Foundation, the National Endowment for the Humanities
 and support from

Fairbank Center for Chinese Studies
 Harvard Asia Center
 Harvard Yenching Library
 Harvard Yenching Institute

© 2001-2010 - Harvard University and Fudan University

CHGIS
 Center for Geographic Analysis
 1737 Cambridge St, K021
 Cambridge, MA 02138
 tel: 617-495-2451
 new office location

China GIS DATA
 Japan GIS Demo
 Dynamic Maps WEB MAPS
 Map Scans Lurei-Hong
 Featured EdSite
 Sichuan Earthquake

[Home](#)[About](#)[View Collection](#)[Publications](#)[Blog](#)[Help](#)

David Rumsey Map Collection

CARTOGRAPHY ASSOCIATES

THE COLLECTION

[Share this Page](#)

Welcome to the David Rumsey Map Collection Database and Blog. The Map Database has many viewers and the Blog has numerous categories.

The historical map collection has over 27,000 maps and images online. The collection focuses on rare 18th and 19th century North American and South American maps and other cartographic materials. Historic maps of the World, Europe, Asia, and Africa are also represented.

Popular collection categories include antique atlas, globe, school geography, maritime chart, state, county, city, pocket, wall & case, children's, and manuscript maps. Search examples are United States map, Geology maps, California map, Afghanistan map, America map, New York City map, Chicago map, and U.S. Civil War maps. Browse map categories Where, Who, When, or What. The collection can be used to study history, genealogy, art, explorations, local and family history. [Learn more](#)

[Watch 360 degree QTVR of the Collection Space](#)
[Browse Lists of the Collection's many Atlases](#)

[View this Map in LUNA Browser](#)[Launch Collection in LUNA Browser](#)

Rand - McNally Official Railway Map Of The Pacific Coast States Including Territory East To Denver; Rand McNally and Company; 1901; Case Map

Blog

[Email Feed](#) [RSS \(?\)](#)

- [All Categories](#)
- [Recent Additions](#)
- [News](#)
- [Featured Maps](#)
- [Related Sites](#)
- [Videos](#)

Quicklinks

The collection may be viewed with the following applications:

- [LUNA Browser](#)
- [MapRank Search NEW!](#)
- [Google Earth](#)
- [Google Maps](#)
- [Second Life](#)
- [2D GIS](#)



Electronic Cultural Atlas Initiative

About ECAI Activities Community Atlases Research Technology Participating

Cultural Atlas Portal



Link to example projects or browse cultural atlases in Google Earth

Dynamic Map Catalog



Search the [ECAI Clearinghouse](#) of cultural material which uses place and time as a common element.

Community



Participate in the ECAI community through twice yearly conferences and international working groups.

Technical Infrastructure



ECAI technical infrastructure illustrates the vision of sharing distributed data and using time enabled mapping tools.

Research & Development



Collaborate to identify research topics and

ECAI uses time and space to enhance understanding and preservation of human culture.

Highlights

Upcoming:

ECAI / PNC 2011 Joint Meetings
October 19-21, 2011
Sasin Graduate Institute of Business Administration of
Chulalongkorn University
Bangkok, Thailand

Past Events:

Western Han Dynasty Exhibits
Virtual Masterpieces From Ancient China
April 16-22, 2011
CITRIS Tech Museum
345 Sutardja Dai Hall, UC Berkeley

ECAI Workshop: Visualization, Computation, and Analysis
in Large Text Corpora and Cultural Collections
16 March 2011
Academia Sinica, Taipei, Taiwan

Joint Conference with KAIST & VSMM
October 2010
COEX Conference Center, Seoul, Korea

ECAI / PNC 2010 Joint Meetings
Nov 30 - Dec 3, 2010
City University of Hong Kong, Hong

ECAI Workshop, in collaboration with the Central Library of
Fudan University
May 2010
Fudan University, Shanghai, China

Projects:

Projects with HGIS components

Salem Witchcraft Trials, e-Williamsburg, etc.

Major HGIS projects

Stanford Spatial History Project, Digital Atlas of American Religion, Irish Famine, Aurora Project (Dynamic Atlas of US History), Holocaust Project, Literary Atlas of Europe

Major publications and conferences in HGIS and spatial humanities

Salem Witch Trials: Accusations





The Spatial History Project

JUNE 10, 2011

- Publications
- About Us
- Gallery
- Resources

SEARCH ::

RECENT PUBLICATIONS ::

- Conceding the Ocean
- A Data Model for Spatial History
- Neoliberalism, Civic Participation and the Salmon Industry in Southern Chile
- When the Loss of a Finger is Considered a "Minor" Injury
- Land Speculation in Fresno County: 1860-1891

CURRENT PROJECTS ::

- Shaping the West
- Terrain of History
- Tooling Up for Digital Histories
- Holocaust Geographies
- Chile's Aquaculture Industry, 1950-2000

RECENT VISUALIZATIONS ::



The Spatial History Project at Stanford University, a part of the Bill Lane Center for the American West, is made possible by the generous funding of the Andrew W. Mellon Foundation.

RECENT UPDATES

01 June 2011

OUR TEAM ::

PRINCIPAL INVESTIGATORS



DAN EDELSTEIN -
(Principal Investigator) Dan Edelstein is an associate professor of French at Stanfor...



ANDREW GERHART -
(Principal Investigator) Andrew Gerhart is a Ph.D. candidate in the Emmett Interdisci...



MICHAEL KAHAN -
(Principal Investigator) Michael Kahan is the Associate Director of Urban Studies at ...



RICHARD WHITE -
(Principal Investigator) Richard White is the Margaret Byrne Professor of American Hi...



ZEPHYR FRANK -
(Director) Zephyr Frank is an Associate Professor of History at Stanfor...

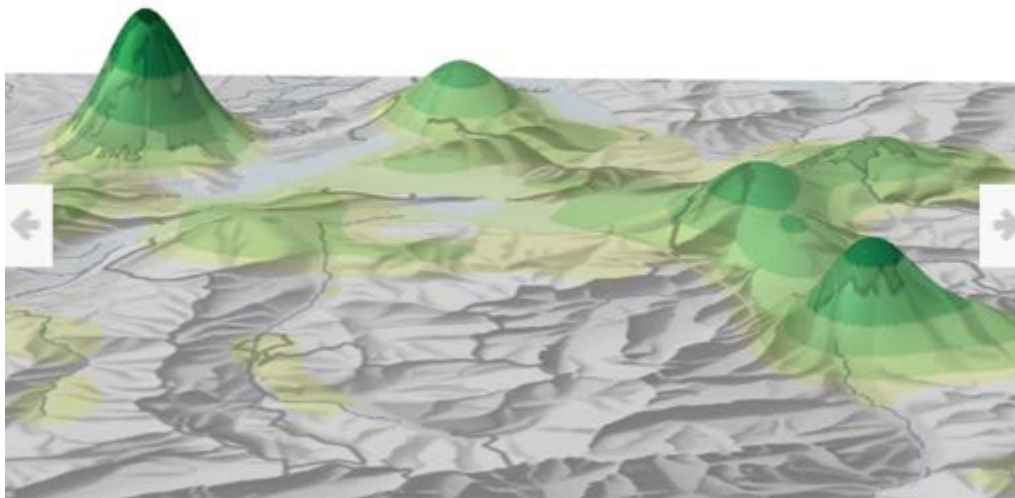


JON CHRISTENSEN -
(Principal Investigator) Jon Christensen is the principal investigator for the Critic...



MATTHEW BOOKER -

Mapping and Analysing the Geography of Fiction with interactive Tools



STATISTICAL SURFACES AS BLOCKIMAGES

TOWARDS A GEOGRAPHY OF FICTION

It all starts with the supposedly simple questions: Where is literature set and why there? Europe offers an abundant wealth of fictionalised landscapes and cities. The nascent research area of literary geography / literary cartography aims at visibly rendering such complex overlays of real and fictional geographies. Against this background that an interactive prototype of a »Literary Atlas of Europe« is currently under development at the Institute of Cartography and Geoinformation, ETH Zurich.

Mostly mapping/spatial primitives

Requires technical expertise

Incompatible with much humanities data

About space, not place

Where is time?

Contributions to scholarship debated

Scanty uptake by humanists

Systems

Data

Culture

Literacy

Spatial/Geographic

Visual

An Epistemological Clash?

GIS and (re)discovery of the map: vision of rigorously measurable, infinitely sharable information across temporal and spatial scales

Where does GIS fit with post-modernism's emphasis on indeterminacy, ambiguity, fluidity, particularity, and other non-standard characteristics?

Can GIS fit the needs of historians and other humanists?

Pareto principle (80/20): 80% of the effects come from 20% of the causes

We often do not need the full analytical functionality of ArcGIS to accomplish what humanists need

Virtual Center for Spatial Humanities

Formed in 2008 as a collaboration among three research universities:

Florida State University, West Virginia University, and
Indiana University-Purdue University, Indianapolis

Goal: Move beyond GIS and toward the spatial humanities, a post-modern and post-structural approach that bends technology to the needs of humanists; blends GIScience with the humanities to understand the reciprocal influence of space and place on culture and society.

Moving beyond GIS

Making geo-spatial tools open to humanities data

Embracing multimodal approach

Using VREs and immersive environments

Creating collaborative spaces

Developing a new epistemology (nonlinear, fluid, reflexive)

“[M]aps will be more than the sum of their parts: they will possess ‘emerging’ qualities, which were not visible at the lower level....Not that the map is itself an explanation, of course: but at least, it offers a model of the narrative universe which rearranges its components in a non-trivial way, and may bring some hidden patterns to the surface.”

Franco Moretti, *Graphs, Maps, Trees* (2005)

Spatial humanities is an explicit recognition of the reciprocal influence of geographic and constructed space on culture and society.

Fuses traditional focus on nuance, voice, experience, text, and image with the systematic approaches of spatial science, computer modeling and virtual reality.

Links time, space, and culture dynamically.

Space as the meeting ground; an integrated perspective on place

Web 2.0 as the toolkit; does not privilege a spatial technology or quantitative data

Open, participatory framework for experts and non-experts

Neogeography

Participatory GIS

Volunteered Geographic Information (VGI)

Virtual globes, APIs, mash-ups, and social
networking

Gazetteers

Semantic searching

Text mining

A vision of BRITAIN THROUGH TIME

A vision of Britain between 1801 and 2001.
Including maps, statistical trends and historical descriptions.

[Help using this website](#)

[Home](#)

[Places](#)

[Statistical atlas](#)

[Historical maps](#)

[Census reports](#)

[Travel writing](#)

[Learning resources](#)

Find a place

Search by placename to view historical statistics, maps, writings and more...

Enter a full postcode or a place name (just a name, NO county) in the search box to access all our content for a place ... or just go someplace.



Visit the Land of Britain pages

We have put up a website with mappings of



Historical maps

Topographical, land use and administrative maps from the 19th and 20th Centuries:



- [Ordnance Survey 1st Series](#)
- [Ordnance Survey New Popular](#)
- [Smith's New Map of the United Kingdom of Great Britain and Ireland](#)
- [British War Office](#)
- [More maps »](#)

Election Results

A Vision of Britain through Time holds results from every British parliamentary election since 1833.



- [1906: Victory for the Progressive Alliance](#)
- [1983: Thatcher's Landslide](#)
- [1997: Blair's Landslide](#)

Travel writing

This is the largest collection of historical British travel writing on the web. Each author gives a different perspective on the towns and villages they visited.

- [John Byng — Torrington Diaries](#)
- [Geo. Head — Manufacturing Districts](#)
- [Thomas Pennant — Chester to London](#)
- [More writers »](#)

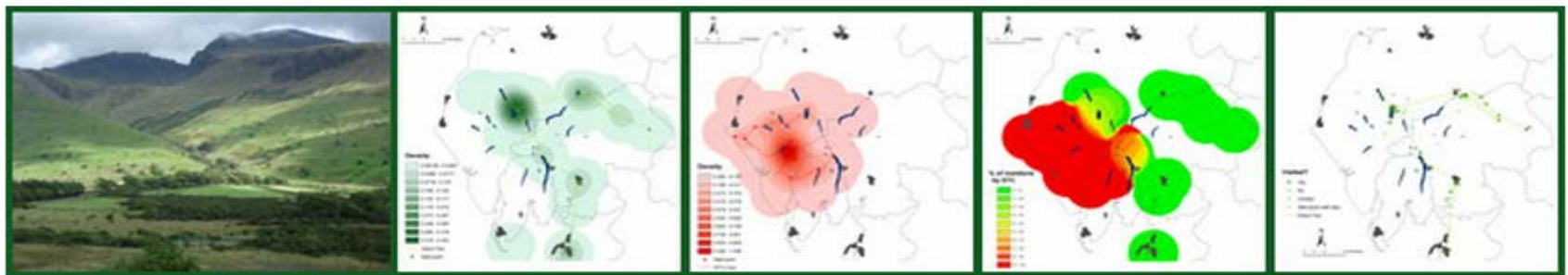
Census reports

Since 1801 the Census has created a uniquely detailed record of our changing communities.

- [Reports index](#)

News

- [November 2010](#)
[New e-learning tutorial on Boundaries](#)
- [September 2010](#)



Mapping the Lakes: A Literary GIS



Maps are supplemented by narratives. They can be enhanced with user comments.

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image © 2010 IGN-France
Image © 2010 TerraMetrics
Image © 2010 DigitalGlobe

©2010 Google
Terms of Use

Omaha Beach

By [Sorin Adam Matei](#)

[Visible Past](#) > [Modern](#) > [20th Century](#) > [Omaha Beach](#)

Visible Past utilizes as one of its showcase mapping environments a model of Omaha Beach fortifications at the time of the Allies' landing on the morning of June 6, 1944 (D-Day). The model was produced by the Visible Past team.

Virtual Omaha Beach was built in Sketch up, a modeling platform distributed by Google for creating models compatible with the Google 3D mapping application Goggle Earth. The model includes the full set of two dozen German fortifications (Wiederstandnest or in German military parlance WN) that the American 1st and 29th divisions encountered on the morning of 6 June 1944. Each WN includes a barbed wire enclosure and one or more points of fire: pillboxes, bunkers, mortar pits or field gun encasements. Many of the artifacts were provided by 3D weapons collections found at the Google Earth 3D Warehouse repository; some of them were reconstructions produced by the Visible Past team members. The 3D artifacts were selected and evaluated according to the historical literature dedicated to Omaha beach.

All artifacts were placed in the field according to information provided by historical

About this map :

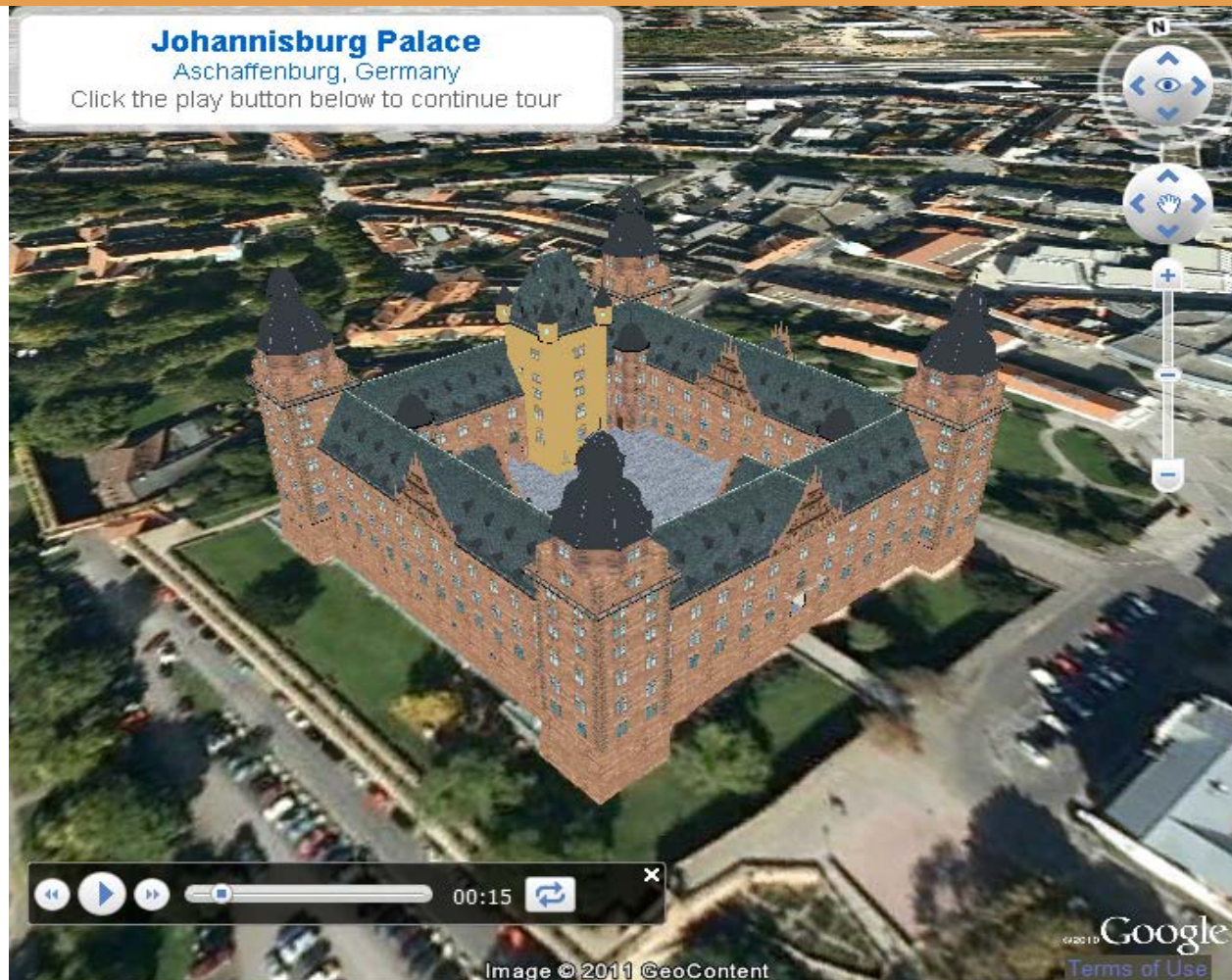
Map of Omaha Beach German fortifications (blue dropets) laid over the American operational map for June 6, 1944 (misaligned due to Google Maps limitations). Clicking the button "Google Earth" will show the 3d Model of the German fortifications and will correctly align the overlay map. Use upper left wheel to tilt the image. You might be prompted to download the [Google Earth 3D Plugin](#).

YOUR COMMENT

Name

Mail

Website



Synthesis of real
and digital space
e.g., Architip



Wearable technology, e.g., Google Glass



DIGITAL ROMAN FORUM

[HELP](#) [ABOUT](#) [CONTACT](#)

[HOME](#)

[TIMEMAP](#)

[SEARCH](#)

[RESOURCES](#)

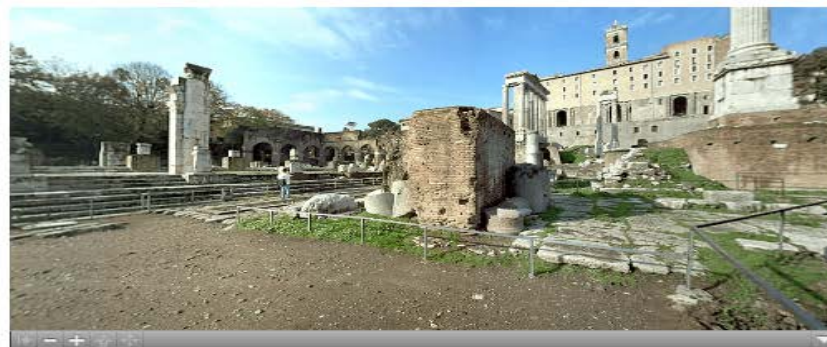
[GEOSPATIAL DATA](#)

188.0, 267.0, 18.0

Drag the mouse in either the photograph or the model to adjust the point of view.

DATE AND TIME SHOWN IN MODEL:

June 21, 10:00 ▼



VR is an experiential medium, not a peripheral

It evokes emotion

The experience is social

It is open to everyone

Spatial Humanities

New Scholarship

Todd Presner
David Shepard
Yoh Kawano

HyperCities
Thick Mapping
in the Digital
Humanities

THE SPATIAL
HUMANITIES

GIS AND THE FUTURE
OF HUMANITIES SCHOLARSHIP

EDITED BY DAVID J. BODENHAMER, JOHN CORRIGAN
AND TREVOR M. HARRIS

PAST TIME, PAST PLACE
GIS for History

Cambridge Studies in Historical Geography

Historical GIS
Technologies, Methodologies and
Scholarship

Ian Gregory and Paul Ell

PLACING
HISTORY

How Maps, Spatial Data, and GIS are
Changing Historical Scholarship

RAILROADED
THE TRANSCONTINENTALS
AND THE MAKING OF MODERN AMERICA

RICHARD WHITE

Geoff Carter
ON THE **great plains**
Agriculture and Environment

DEEP
MAPS
AND
SPATIAL
NARRATIVES

EDITED BY
DAVID J. BODENHAMER JOHN CORRIGAN TREVOR M. HARRIS

VOLUME 1 NUMBER 1 2007

International
Journal of
Humanities and
Arts Computing

EDITED BY
DAVID J. BODENHAMER AND IAN PAUL ELL

Editorial on Quantitative Praxis



NarrativeOne



x

About



Credits

GHOST METROPOLIS: LOS ANGELES, 1542-2000

By PHILIP J. ETHINGTON

History and Political Science, University of Southern California

Programming by Dave Lopez

IML, School of Cinematic Arts, University of Southern California

Infinite Landscapes of the Motion Picture Industry

Oiling Los Angeles

Aerial Supremacy

Text Narrative

NarrativeOne

Photographic Narrative

Chinese Canadian Immigrant Pipeline, 1912-1923

Exploring patterns of Chinese immigration by origin, occupation and age

EXAMPLES

HELP

ABOUT

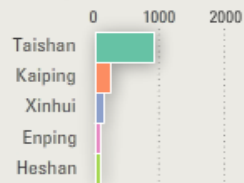
1 Choose Category

2 Play Animation

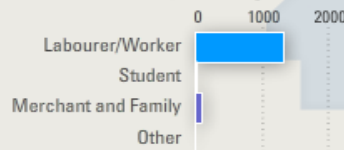
3 Explore Patterns

[EXAMPLES](#)

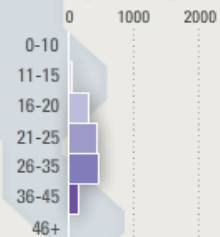
District of Origin



Occupation



Age Range



January 1914

Nanaimo

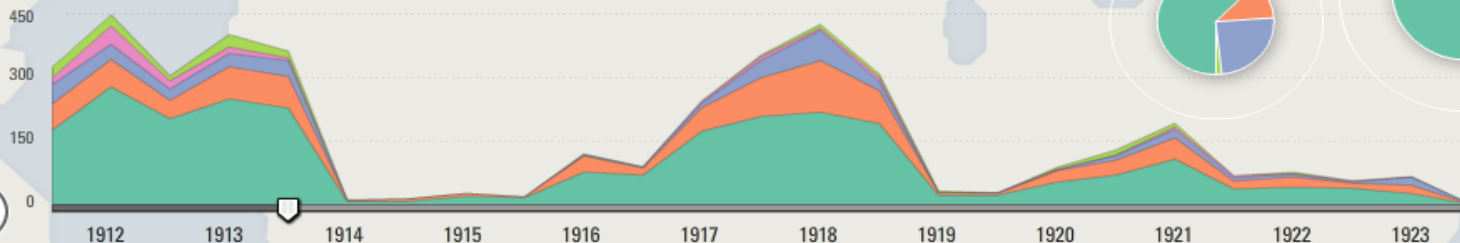
Winnipeg

Ottawa

Montreal

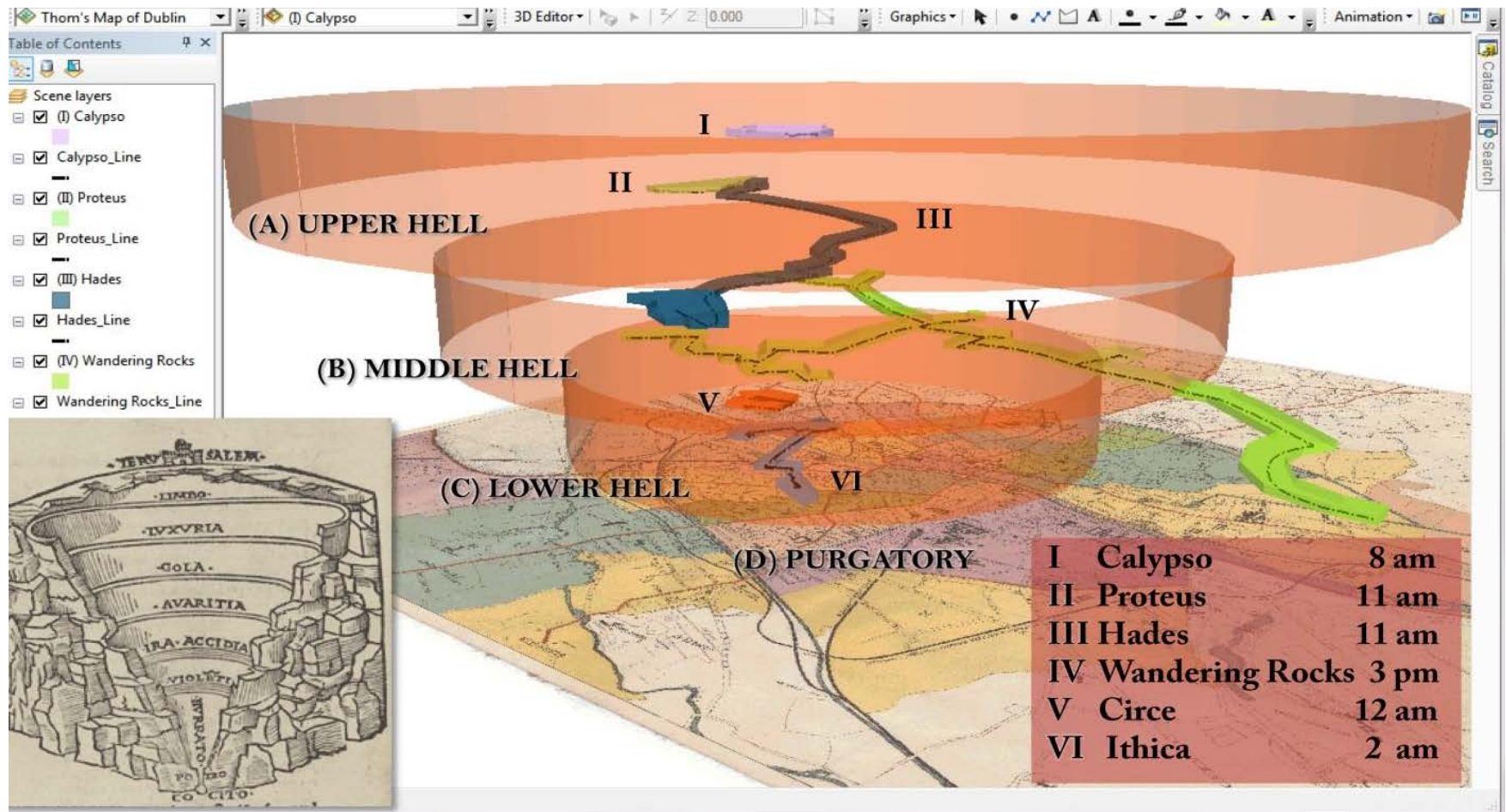
Toronto

China



Ollie Khakwani, Stephanie Chan, Jake Coolidge, Kathy Harris, Erik Steiner, Denise Fong and Henry Yu

University of British Columbia and Spatial History Lab, Stanford University

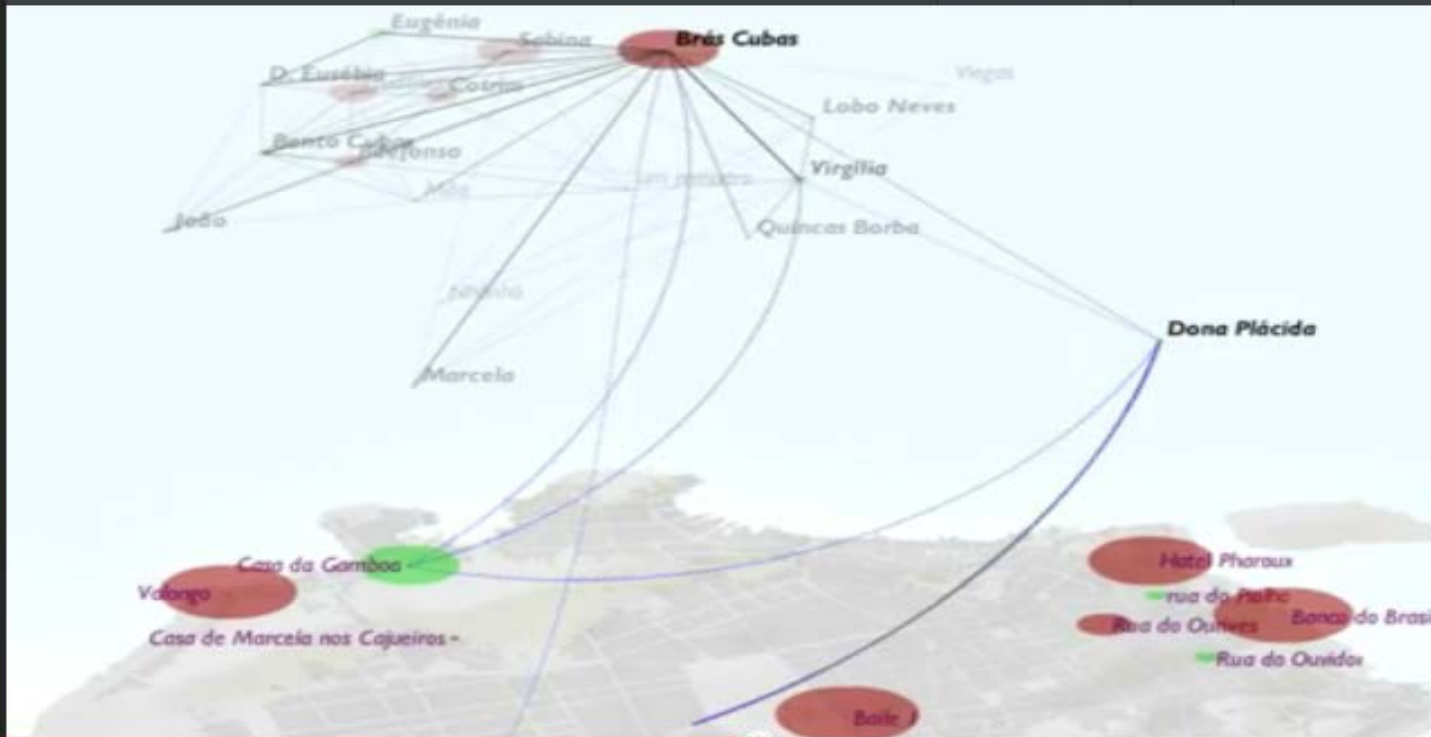


Memórias Póstumas

A Novel and a Network in Five Minutes

The Posthumous Memoirs of Bras Cubas

Like Share More info



2:53 / 5:30


CC Settings YouTube

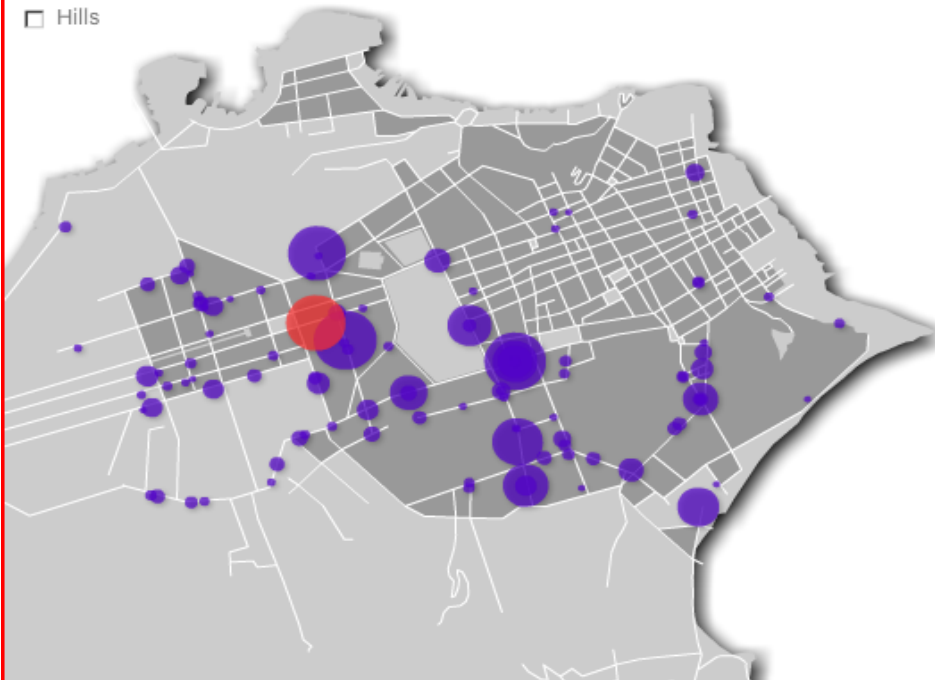
Tenement Housing in Rio de Janeiro, 1870s-1880s

Turning Cheap Real Estate into Gold

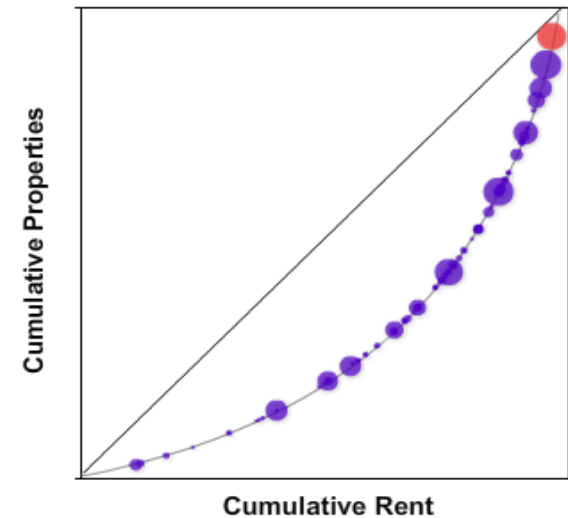
click arrows to advance text ◀ ▶

Choose: **1870** **1888**

- Tenements |  >10 rooms
sized based on number of rooms
- Rent
- Streets
- Hills



Lorenz Curve of Property Inequality



Sound map - UK Soundmap

The UK Soundmap, the first nationwide sound map, invited people to record the sounds of their environment, be it at home, work or play. Over 2,000 recordings were uploaded by some 350 contributors during the period July 2010 to July 2011. [Further information.](#)



Accents & dialects



Klaus Wachsmann Uganda recordings



Wildlife recordings



Soundscapes



Music from India



Jewish survivors of the Holocaust



Traditional music in England



Your accents



UK Soundmap



What has emerged are new and exciting forms of convergence, focused on geo-cultural spaces (or place).

Also, new types of scholarship and new collaborations, while retaining the best of HGIS/Spatial Humanities 1.0.

Life paths and spatial narratives

Spatio-temporal networks

Spatial *imaginaire*

Virtual reality/immersion

Gaming and simulations

Practice theory

Deep mapping/deep contingency

Goal: *Reveal the complex and contingent context of events within and across time and space*

Deep maps (platform, process, and product):

- Links time and space (chronotope)

- Operates across multiple scales (time and space)

- Embodies multiple agents, multiple perspectives

- Recognizes alternate schemes/emergent realities

- Fosters dynamic context (movement, linkage)

- Evokes emotional and experiential (visual and immersive; an affective geography)

Deep maps are:

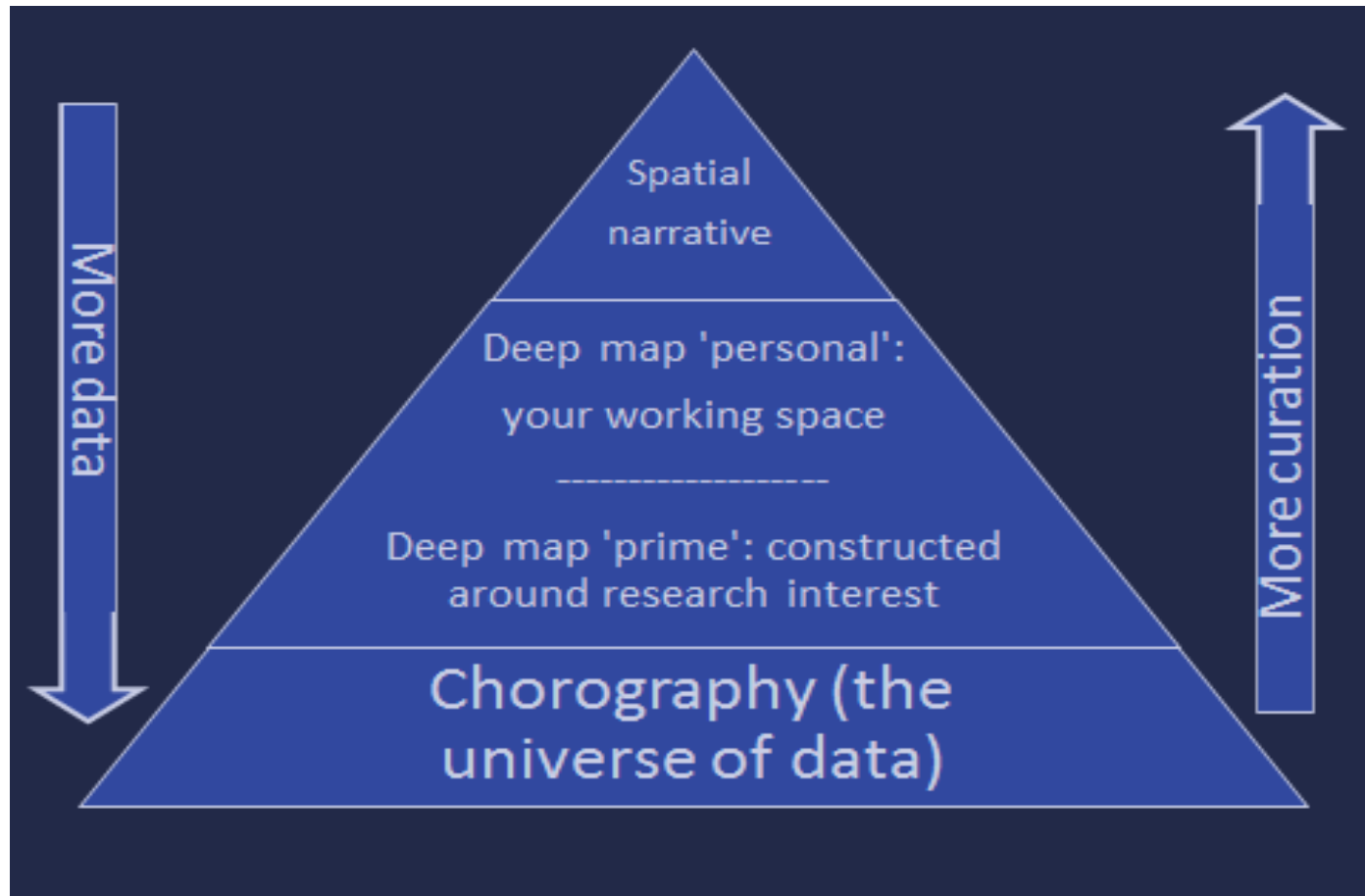
Flexible, inviting exploration

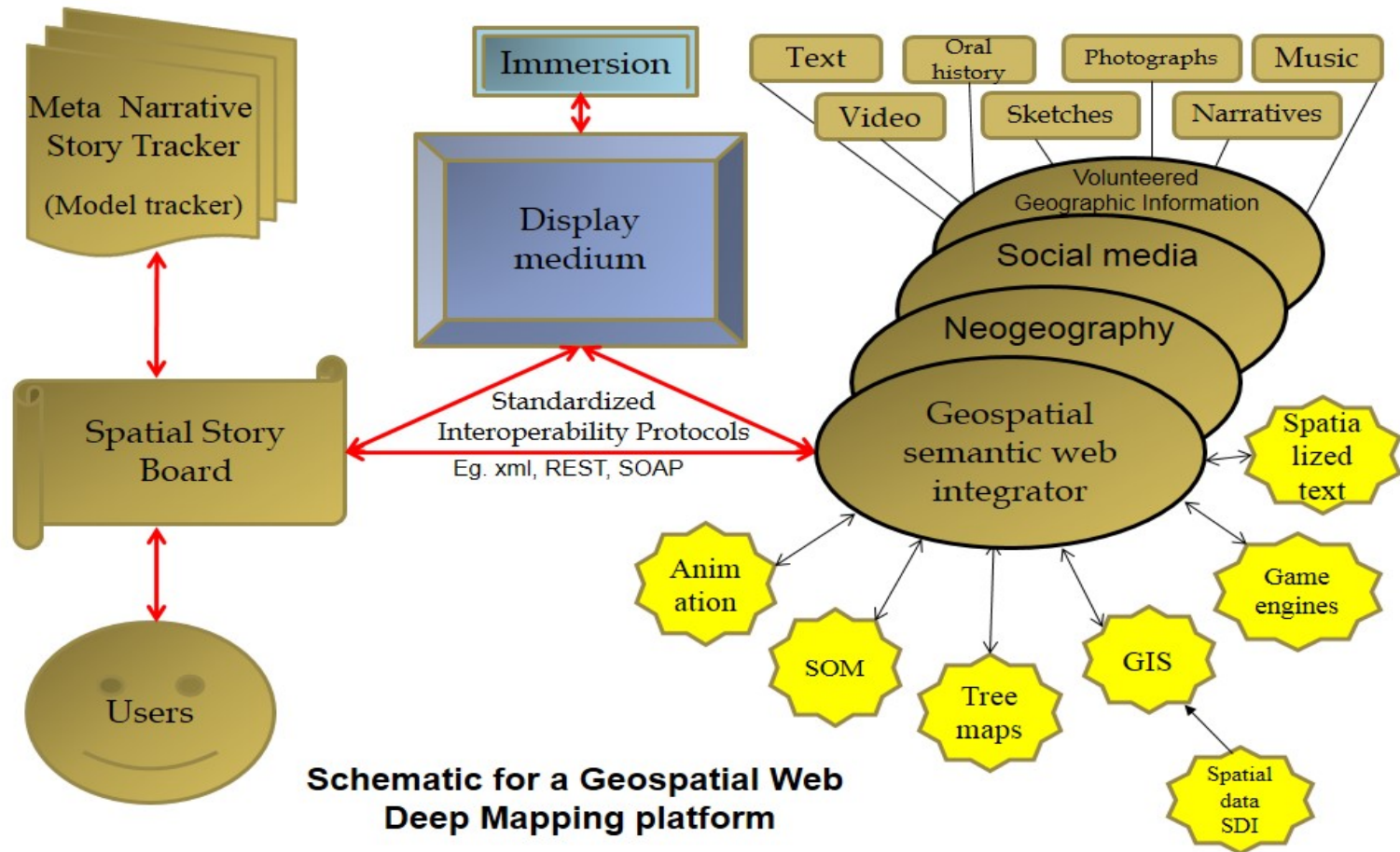
User-centric, supporting differing views

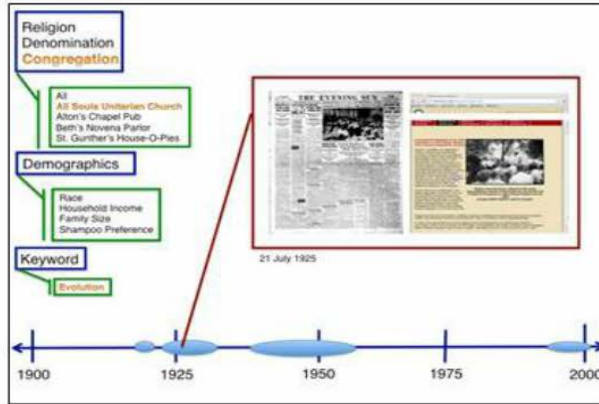
Path-traceable, supporting narration

Open, admitting new material

Immersive, evoking experience







SOURCE 1 (eg. historical sermon)

The Evolutionist believes in a growing Bible; growing with such new discovery of truth. If we are advancing toward more truth; toward a broader sense of justice; a broader feeling of human brotherhood; a deeper appreciation of beauty, we must expect new chapters will be added to our Bible.

"If the World Comes brings us nearer to universal peace we must insert its story in our Bible. I would put it next to that passage in Mishah where we are told that nations will not war against nations any more.

"Would the story of creation be complete without including in it chapters from the Origin of Species and the Descent of Man; from Lyell's Principles of Geology; the dimensions of Copernicus and LaPlace; the practical experiments of Darwin?"

"In our minds we need new instruments to adjust our vision to the enlarged experience of mankind and these we must find in our modern age."

"So, in the end, the Evolutionist feels he has a new Bible. It contains every truth in the old Bible, and it includes as well every bit of literature that inspires to nobler and nobler living; that strengthens the ties that bind us to our kind; that puts vigor and purpose into our daily living; that shows us in our depression, that restores us in our sorrow; that sends a ray of hope into our hearts as we see the clouds falling on the body of a loved one.

"We need not fear mankind will lose anything it needs. It will preserve every bit of inspiring scripture, but, in Emerson's phrase,

"One account of the Holy Ghost
The heathen world hath never lost."

Text analysis box (example 2)

Word cloud and text analysis interface showing a list of words and their frequencies, with a search bar and filters.



- Document list**
- Newspapers**
- + New York Times
 - Philadelphia Star
 - 26 June 1925
 - 17 July 1925
 - + Chicago Sun

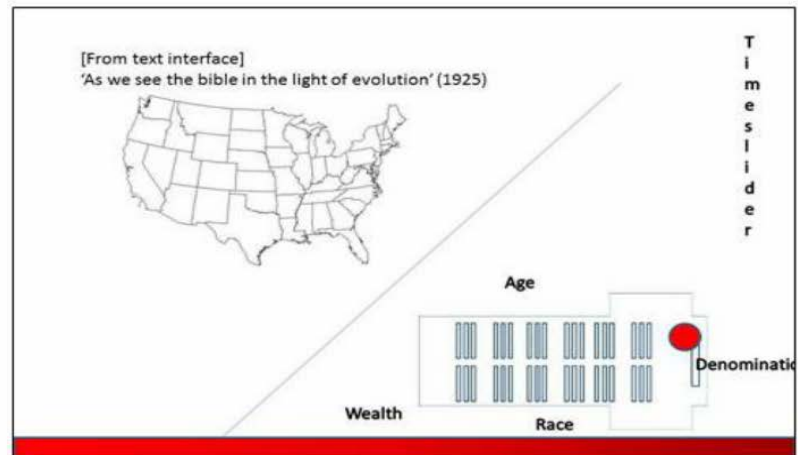
SOURCE 2 (eg. contemporary sermon)


"EVOLUTION AND THE INTERDEPENDENCE PRINCIPLE"

A Sermon by the Rev. Bruce Clair
"Evolution Sunday"
February 12, 2005
All South Unitarian Church
Indianapolis, Indiana

God's gift to sermon writers is anniversaries on the calendar. I recall 1982, it was the 400th anniversary of Columbus' voyage to America, and a sermon topic was waiting to be addressed. At 80 was a hundred years old in 2003, and that was fodder for quite a series of sermons. And I had the distinct privilege of being through the 100th of All Anniversaries in the year 2005 - not just a change centuries, but of millennia.

"Yes, anniversaries are God's gift to sermon writers who otherwise might face trouble thinking of a topic. But it seems God overruled it this week. One hundred years ago last Thursday, on February 12, 2005, two of the greatest figures in the history of the world were born on that same day and same year. In America: Abraham Lincoln, in England, Charles Darwin. Why, the stars must have been lined up something special on that day. But I complicate sermon writing. When do I choose? Lincoln or Darwin?"






Polis Religious and Community Organization Census Data: Broadway UCM

Demographics

D1. Total number of members or clients: **500**


D2. Are these people clients? (individuals served)

D3. Gender Characteristics	D4. Age Characteristics	D5. Racial and Ethnic Characteristics	D6. Class Characteristics
% Male: 40 % Female: 60	% 0-12: 2 % 13-19: 1 % 20-35: 35 % 36-55: % Over 55: 62	% White: 85 % African-American: 10 % Hispanic: % Asian: 5 % Other:	% Upper: % Middle: % Working: % Poor:


D9. Data regarding all demographics: 
Average of 250 people attend the main worship services. 125 attend other activities on the main worship day [specific activities not specified.] Majority of families are two-parent structure, however, most members are not parents. Congregation is ready to listen to the community. They've been scared. They want more open communication.

D10-13. Geographic Characteristics



D10. Percentage of members or clients from the neighborhood: **7.5**

D11. Data regarding the neighborhood members or clients: 

D12. Percentage of members or clients from outside the neighborhood: **92.5**



▼ Media

[Add more media files](#)

▼ Documents related to this view

Newspaper articles
 'Broadway Methodist cares for community'
 View all 32 related articles
 Broadway United Methodist Church Sermons
 Congregational census
[Add more documents](#)

► Data sources related to this view

▼ Historic maps and aerial photos

Sanborn Fire Insurance Maps
 1887, 1898, 1915, 1940, 1948, 1956
 Baist Real Estate Atlases
 1916, 1927, 1941

▼ Subjects related to this view

People and organisations
 Pastor Smith, Broadway UMC, view all 21

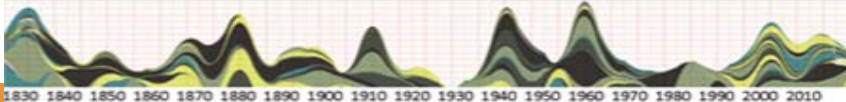
Places
 Mapleton Fall Creek, Shortridge High School, view all 15

Topics
 busing, gentrification, faith-based initiatives, view all 20

► My snapshots

► Spatial narrative: Religion & Neighborhood

► About Scott's dean man of religion in Indu



World
Country
State
County
Neighbourhood
Place

spatial, temporal,
& contextual

what/where/when

total perspective

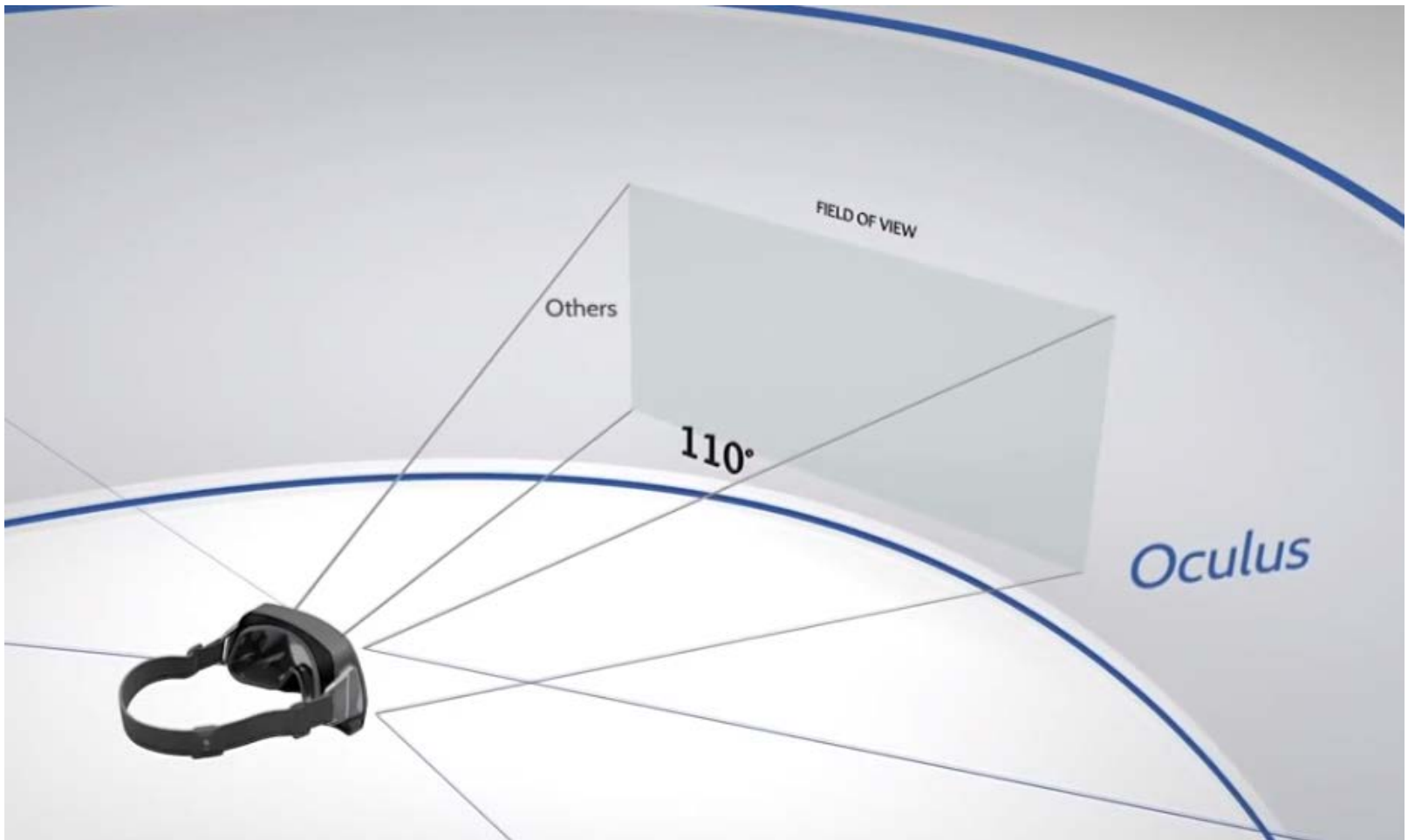


Frameworks: Virtual Resource Environments

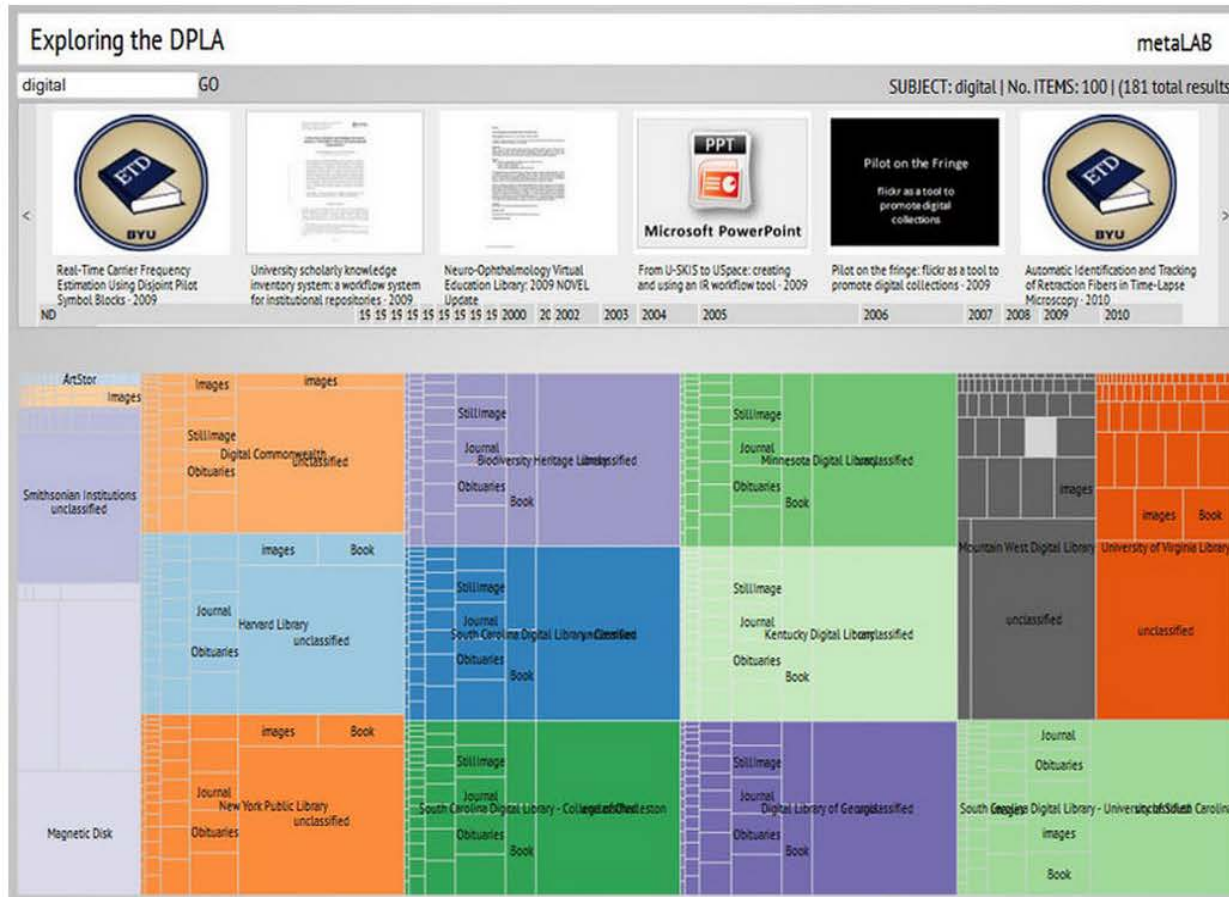


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Frameworks: Immersive Gaming



Library Observatory



Library Observatory recognizes a unique opportunity the emergence of the DPLA represents: both to imagine new ways of interacting with cultural and scientific resources and to reflect on what collections of such materials mean, what stories they tell. An observatory, after all, is more than a collection of telescopes; it's also the community of people who maintain those instruments, peer through them, and tell one another stories about the stars. In similar fashion, Library Observatory intends to help us look at constellations of books, manuscripts, and images, and to use those tools to focus our reflections on relationships, meaning, and import of cultural resources as well. The exhibition reflects this bicameral character: we present an interactive tool for searching and visualizing the DPLA collections, accompanied by an interactive documentary that weaves together imagery from the history and latter-day data practices of libraries with analytic visualizations and audio testimonials about the making, use, and enduring significance of library data and the collections they describe.

[App Home page](#)

Driving through Time: Digital Bue Ridge Parkway

Active Facets

Date

- 1800s (2)
- 1900s (7134)

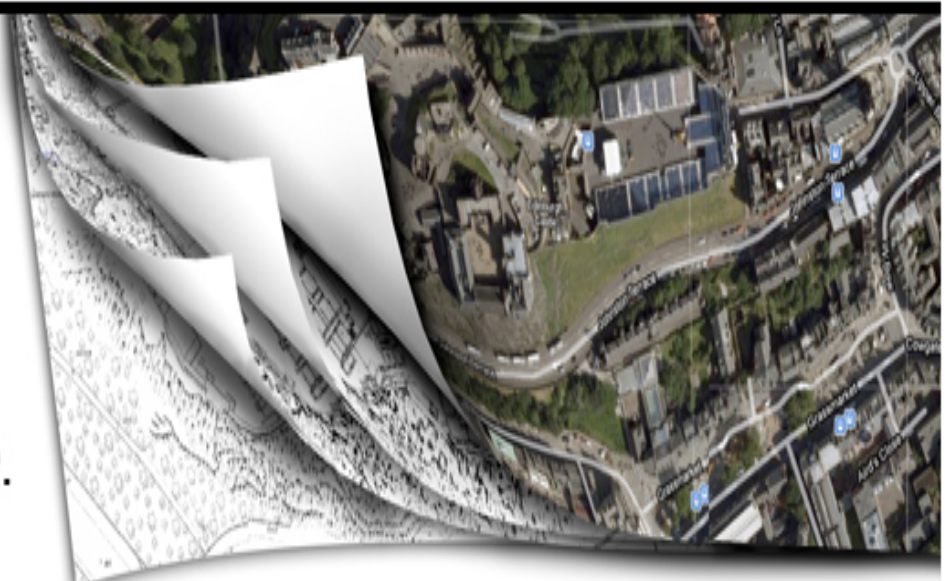
Subject

- Photographs (6832)
- People (1336)
- Alleghany County (N.C.) (1045)
- Roads (1025)
- Construction (884)
- View of road (884)
- Landscape (807)
- Automobiles (793)
- Scenery (623)
- Floyd County (Va.) (551)
- (more)

Walking Through Time

Available for iPhone now

“SatNav for historical maps”
The iPhone app that combines
GPS technology with old maps
to allow users to walk through time.



City of Memory — ZOOM + ADD STORY FAQ STORY DIRECTORY SEARCH

Growing Up Chinese

Posted by Paco Levine on 2011-03-03

PRINT FRIENDLY

STORY MAP

Hosted by Alvin Eng. Filmed by Christina A. Voros. Edited by Lee Eaton and Suzanne Barber. (3:48)

As a child, my parents ran a Chinese Hand Laundry at 29-10 Union Street in Flushing. We were one of a handful of Chinese/Asian families living there. By the time I graduated Flushing High School, my hometown had become New

EMAIL STORY EMAIL TOUR

Read More!
[To book a walking tour](#)

Tour: Flushing Tour

This is Story 1 of 6 on this Tour.

CityLore LOCAL PROJECTS

- STORIES CURATED BY CITY LORE
- STORIES UPLOADED BY USERS

Imaginative and Historical Cityscapes (Literary Edinburgh)

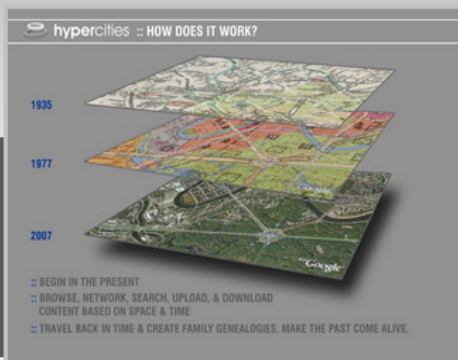
Image by Bing Liu





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Launch HyperCities

hypercities is a collaborative research and educational platform for traveling back in time to explore the historical layers of city spaces in an interactive, hypermedia environment.

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no comments

Todd Presner delivers the keynote lecture at the Coalition for Networked Information (April 2011): "HyperCities; Using Social Media and GIS to Archive and Map Time-Layers in Berlin, Los Angeles, Rome, Tehran, and Cairo."

CNI: HyperCities: Using Social Media and GIS to...



Time geography

Text mapping

Geospatial semantic web

But how to:

Capture experiential/metaphorical space?

Enable deep contingency? Integrate structure, process, event? Space, time, place?

Understand the situatedness of the narrator(s)

Represent the narrative(s)? Make the argument?

New collaboratories that allow

- Retrieval
- Contextualization
- Hypothesis building
- Flexible narration
- Integration into knowledge networks

Virtual Research Laboratories(VRL)

- GRID+Web 2.0/3.0+Spatial Technologies

A unique post-modern scholarship with real and conceptual space as an integrating and animating framework:

Visual and experiential

Multiple perspectives

Complex environments

Emergent realities, deep contingencies

Spatial narratives, spatial arguments

