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METHODS AND TEXTS

USING METADATA AND MAPS TO TEACH THE HISTORY OF RELIGION

LINCOLN MULLEN

In 2014, I taught an undergraduate course in the history department at Brandeis University titled “Mapping Boston’s Religions: A Digital History Seminar.” The main assignment for the course was a collaborative mapping project, in which students researched nineteenth-century sources to make a digital map of religion in Boston from 1800 to 1880. In addition to their shared map, each student created an online exhibit about some aspect of religious life in Boston, such as the history of synagogues or the history of African American churches. These exhibits each featured an interpretative essay, images and photographs, smaller maps drawing attention to the importance of space for religion, and records containing metadata (such as date of founding and the institution’s denomination) about various congregations.¹ Students pored over maps and insurance atlases to find out where and when churches, synagogues, and other religious institutions had been located in the city. The aim of the project was to teach advanced undergraduate students the research skills that they would learn in a conventional history course: researching, writing, and analysis. But in this history class as shop class, the goal was also to teach new digital skills such as mapping, collaboration, and project management.² I introduced mapping in this course in order to engage with the recent spatial turn in history and other disciplines.

The map and the exhibits were the finished product of the students’ scholarship. But the map was generated from hundreds of records of congregations and their changing locations, which are stored in the database that runs the site. The site runs on Omeka, an “open source web-publishing platform for the display of library, museum, archives, and scholarly collections and exhibitions” created by the Roy Rosenzweig Center for History and New Media at George Mason University. The map uses the Neatline family of plugins created by the Scholars’ Lab at the University of Virginia. Omeka is a system for keeping track of items (or records) and their metadata.

Metadata is data about data. To use a concrete example, the books on the shelves of a library are data, and the library catalog records that keep track of information such as author, date, and call number are metadata. Metadata are usually kept according to some agreed upon convention; for example, library catalogs use various standards defined by the Online Computer Library Center (OCLC) and the Library of Congress. Every item in an Omeka website can be described using the Dublin Core meta-

1 The syllabus for the class is available at <http://lincoln.mullen.com/teaching/>. The students’ map and exhibits are available at <http://omeka.lts.brandeis.edu/neatline/show/mapping-bostons-religions>.

2 The course design was inspired by Jeffrey W. McClurken project-based digital history courses at the University of Mary Washington and available on his website: <http://mcclurken.org/>. I learned about McClurken’s courses in a workshop at THAT Camp AHA in New Orleans, January 2013.

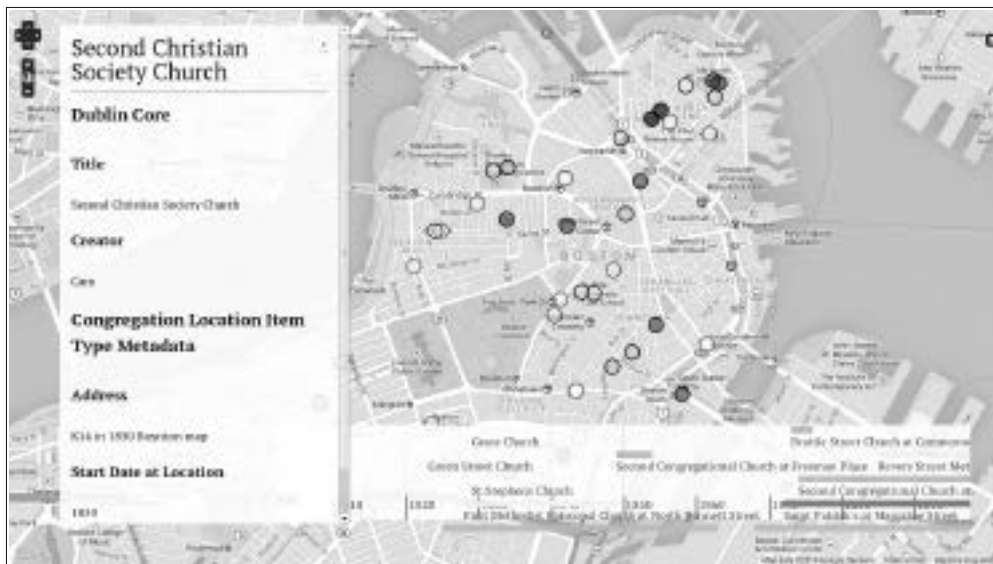


Figure 1: The students' map of religious institutions in progress.



Figure 2: A record for a church, showing the category "Congregation" and some of the information about the church, including a nineteenth-century engraving.

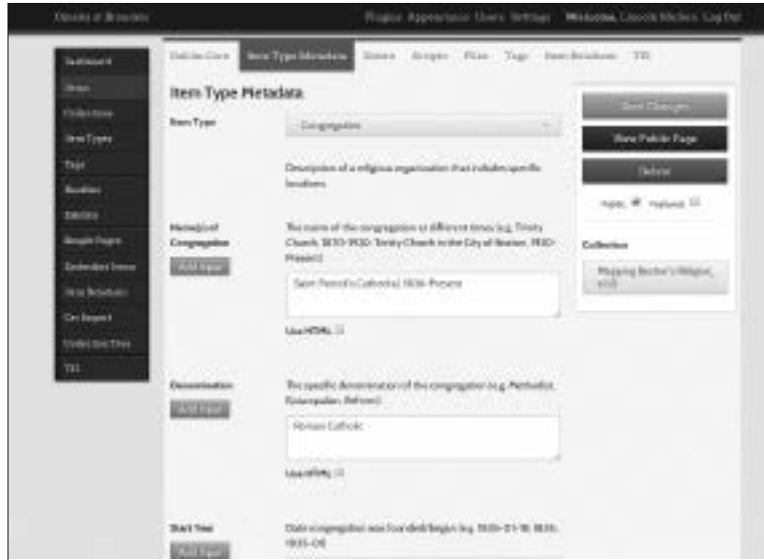


Figure 3: The admin page to the Omeka site showing some of the metadata categories that students created and filled.

data standard, a generic set of fields that can describe many kinds of items. But Omeka also permits users to create their own metadata vocabularies: in other words, Omeka not only lets you fill in boxes about your records, Omeka lets you decide what the boxes should be.

Students looked through lists of city directories, maps from the nineteenth century, newspapers, photographic collections, and other records to find when churches or synagogues started, where they were located, what they looked like, and when the congregations split or the buildings were sold. While entering the fruits of their research into the database, students created records for many congregations, filling out boxes for each field.

On its face, this approach to research and learning could not be further from the kind of humanistic learning that I take to be essential to studying history in college. These goals include: learning to make an argument, understanding change over time, and showing how the past is unfamiliar to the present. But, using metadata offered extended opportunities to achieve these humanistic goals. In the early weeks of the semester, I asked students to look through records and maps held by the Boston Public Library to find out what kinds of information might be worth keeping track of. Their choices were difficult because for some churches we had more material than we could use, and for others we could only vaguely determine a location and date. Once the students had some familiarity with the sources, we spent a class period creating a set of metadata categories for keeping track of congregations—as spiritual/social/legal entities—and another set for keeping track of their locations in time and space, since congregations often moved. Students then entered several congregations with their locations into the database and map. The following class period

was messy—because the past is messy. Students quickly realized that we needed standards for entering the data, for example for representing dates with variable degrees of precision and uncertainty. The students also realized that the categories we had created were inadequate. What exactly did it mean to categorize a church as “African American,” and did that mean that we had to categorize all other churches as “white” or “Irish”? Who constituted the leadership of a congregation—the pastor or also lay leaders? What did it mean for a church to be part of a denomination or religious tradition, and how should we represent changes in affiliation or theology? In other words, students learned how people in the past had defined categories such as race and religious identity as they created related categories for the project. Furthermore, students learned how fuzzy such designations were as they worked with them. This opened the door for numerous discussions throughout the semester about how race, religion, and other categories were constructed in the nineteenth-century United States.³

In addition to reading a survey text about US religious history and a secondary history on a religious tradition of their choosing, students read from many primary sources about religious history throughout the semester. In the class reading we sought to compare the experiences of different groups such as Methodists, Catholics, Jews, and Transcendentalists. The students brought what they had learned about constructed categories to bear on the course project itself in unexpected ways. One assigned reading was Ralph Waldo Emerson’s “Divinity School Address.” The address had appalled many listeners and readers when Emerson delivered it in 1838, because he denied that churches and congregations could provide valid religious experiences, which he believed should be purely individual. In the address Emerson describes being distracted by a snowstorm during a sermon: “The snow storm was real; the preacher merely spectral....The capital secret of his profession, namely, to convert life into truth, he had not learned.” Emerson admonished his audience to be “Yourself a newborn bard of the Holy Ghost,—cast behind you all conformity” (136, 143). As we were discussing the text, one student observed that Emerson would not have found much use in our class project, because we were mapping congregations rather than individuals, institutions rather than prophets. Our map featured a city, when Emerson would have called us to “nature.” It was a brilliant observation, because it used our reading of Emerson’s text to interrogate the assumptions about religion and society that underlay our class project: assumptions that I as the instructor had required the students to go along with by assigning the map in the first place. In our discussions the class agreed that though Emerson had a point about individualism, congregations really did matter as groups of people and as institutions with a life of their own. There was a reason that Emerson’s text was controversial and our mapping project helped us understand why. Other readings in the course by a Mormon missionary and a Jewish peddler helped us to understand how mapping religious congregations that owned buildings and thus appeared on insurance maps could blind us to the presence of other reli-

3 For a similar classroom insight and discussion, see the fourth chapter of Kelly.



Figure 4: The student's map in progress with a historical map from 1850 layered underneath.

gious groups whose social networks ran through boarding houses, or whose religion did not have enough adherents for congregational life and worship (Pratt; Goodman). Pointing out that a category is “constructed” is standard fare for a humanities course. The difference that our mapping project made was that students learned to be suspicious of categories and then, keeping that suspicion in mind, to deploy their categories to learn new things anyway.

In this course, students produced original scholarship. Through their research into primary sources viewed through the theoretical lens of space, students discovered and mapped knowledge about nineteenth-century religion that does not appear in the scholarly literature. The central question of the course used current trends in scholarship about spatial history and addressed perennial questions about how the many religious groups in the United States interacted with one another while maintaining their own identities. Students read enough of an introduction to the spatial turn in history to put their work in conversation with this scholarship (Bodenhamer; Cresswell; Gregory; Knowles). The students also looked at other spatial projects, such as *Visualizing Emancipation* (Nesbit and Ayers) and Kilde’s project mapping religion in Minneapolis and St. Paul. *Visualizing Emancipation*, for example, includes data about where slaves escaped to or put themselves under the protection of the Union Army, thereby connecting to the historiography on slaves’ agency and their contributions to the fall of slavery. From these examples, students also learned the visual conventions of digital mapping and the practice of writing in the hypertext web. In writing their own exhibits, students got deeper into the scholarship on such topics as race in nineteenth-century Boston and the history of Judaism in Boston. In particular, we were concerned to understand the city as a religious ecosystem, where Protestant

and Jewish groups bought and sold buildings from one another, where congregations migrated to new land reclaimed from the harbor, where different faiths met in buildings adjacent to one another, but also where a Protestant mob burned a Catholic convent to the ground.

A semester-long assignment such as this could be adapted for multiple cities, or students in a later course could build on the work of previous classes. I chose Boston for our course because Brandeis is close to the Boston Public Library's Norman B. Leventhal Map Center and some of the religious sites we were mapping. A future iteration of the course might ask students to map religion in Washington, DC, a city which was founded in 1790. While the ability to visit a location can add to a course, a course can also take advantage of how the digitization of sources collapses the constraints of space. For example, the Massachusetts State Library is digitizing all of the insurance atlases for Boston and putting them online, and the Leventhal Map Center at the Boston Public Library has already digitized all its maps and many atlases. Many other resources, such as city directories and town planning documents, have been digitized by the HathiTrust, the Internet Archive, and Google Books. A class like this would not be possible apart from such digitization, because undergraduate students can rarely travel even to nearby archives and libraries to use original materials. Whether or not a class involves mapping, any class that includes a digital project must use metadata. For example, Brandeis professor Jane Kamensky, offered a separate course in the history department on John Singleton Copley in which students created metadata for Copley's art and letters. Using metadata can advance our disciplinary concerns about humanistic teaching. In ways both planned and unexpected, students in my class learned how digital map-making can reveal new patterns in religious interactions, while they clearly understood the importance of traditional historical concerns about how categories have been constructed in the past.

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WORKS CITED

- Bodenhamer, David J., John Corrigan, and Trevor M. Harris, eds. *The Spatial Humanities: GIS and the Future of Humanities Scholarship*. Indiana UP, 2010.
- Boston Public Library. Norman B. Leventhal Map Center.
<http://maps.bpl.org/>
- Cresswell, Tim. *Geographic Thought: A Critical Introduction*. Wiley-Blackwell, 2013.

Dublin Core Metadata Element Set, Version 1.1 (2012):
<http://dublincore.org/documents/dces/>.

Emerson, Ralph Waldo. "An Address, Delivered Before the Senior Class in Divinity College," in *Nature, Address, and Lectures*. Boston: Houghton, Mifflin 1898.
<http://books.google.com/books?id=oT4tGGrDmWkC>.

Goodman, Abram Vossen, ed. "A Jewish Peddler's Diary, 1842-1843," *American Jewish Archives* 3 (1951): 81-85.

Gregory, Ian N., and Paul S. Ell. *Historical GIS: Technologies, Methodologies, and Scholarship*. Cambridge UP, 2008.

Guldi, Jo. "What Is the Spatial Turn?" Scholars' Lab, University of Virginia:
<http://spatial.scholarslab.org/spatial-turn/>.

Kelly, T. Mills. *Teaching History in the Digital Age*. Ann Arbor U Michigan P, 2013, or web:
<http://quod.lib.umich.edu/d/dh/12146032.0001.001/1:8/—teaching-history-in-the-digital-age>.

Kilde, Jeanne H., Marilyn J. Chiat, et al. *Houses of Worship in the Twin Cities, 1849-1924*, Minneapolis U of Minnesota P, 2011—.

Knowles, A.K., and A. Hillier. *Placing History: How Maps, Spatial Data, and GIS Are Changing Historical Scholarship*. ESRI P, 2008.

Neatline contributors. Neatline. Scholars' Lab, University of Virginia, Charlottesville, Virginia, 2014:
<http://neatline.org>.

Nesbit, Scott, and Edward L. Ayers, et al. *Visualizing Emancipation*. Digital Scholarship Lab, University of Richmond, 2013.

Omeka contributors. Omeka. Roy Rosenzweig Center for History and New Media, George Mason University:
<https://omeka.org/>

Pratt, Parley Parker. *The Autobiography of Parley Parker Pratt*. New York: Russell Brothers, 1874, or web:
<http://books.google.com/books?id=OitOAAAYAAJ>