Annotation for Collaborative Engagement: Lessons for Library Publishing and the Classroom

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A new open layer is being created over all knowledge.

A coalition of some of the world’s key scholarly publishers, platforms, libraries, and technology organizations are coming together to create an open, interoperable annotation layer over their content.

https://hypothes.is/annotating-all-knowledge/
Michigan Publishing and hypothes.is

2014
- Launch on JEP
- Annotation for copyediting/production?

2015
- Open peer review experiment
- OA Week book club

2016
- PubClub
- Workshops
New Feature: Article Annotation with Hypothes.is

Maria Bonn, Jonathan McGlone

DOI: http://dx.doi.org/10.3998/3336451.0017.201

This issue of JEP features the launch of a new feature that we hope will both enrich our readers' experience and our own understanding of how to do the best digital publishing. With this issue, we introduce full support of Hypothes.is, an open platform for the collaborative evaluation of knowledge. It supports sentence-level critique and is a tool for community peer-review to provide commentary, references, and insight at the article level. Now, every article of JEP is open for commentary and discussion through annotation. Please explore the annotations and add your own. The authors, publishers, and Hypothes.is developers are all eager to see your contributions and to observe and participate in the many discussions we hope it will open up.

Using Hypothes.is with JEP
Test Case: Journal of Electronic Publishing

- Introduction/instructions
- First use case of “embedding” hypothes.is
- Low bar to add significant possibility for interaction!
Community: “Partners in Local Resilience” Pub Club Event

Abstract
Identifying mutually beneficial objectives for researchers and practitioners engaged in climate adaptation efforts is a challenge. Differences can occur in terms of motivations, objectives, scale, and decision-making authority.

Drawing on the experience of researchers and practitioners involved in a climate adaptation project focused on the Great Lakes region, this paper provides an overview of the relationship between the University of Michigan’s Grainger Sustainability Institute and the City of Ann Arbor, Michigan. Utilizing a thick description for reviewing participants and drawing on a set of evaluation tools developed by this paper, this paper offers an overview of the effectiveness of two approaches to translational research: the boundary chain model integrated assessment model. The paper also discusses the application of these research approaches as an iterative engagement process for enhancing the city’s climate resiliency while strengthening the university’s research outreach efforts.

The deployment of these translational research models, coupled with numerous points of engagement between key university and city actors, has helped both entities emerge as national leaders in sustainability. Transferable lessons discussed were that trust among participants is key, the importance of proximity for being responsive, and utilizing strong structures for supporting collaboration.

(Note: This manuscript was submitted as a feature editorial per the recommendation of the MJS editorial board.)

Introduction
Like many other cities around the globe, the City of Ann Arbor, Michigan (U.S.) faces numerous climate impacts that will and will continue to affect the livelihood and safety of its residents. Located in a water-rich region in Southeast Michigan, approximately forty miles west of Detroit, a key concern for Ann Arbor is increasing precipitation, both in the form of storms (with fall alone experiencing a 27 percent increase from 1981–2010 compared to the previous 30 years) and heaviest 1 percent of storms, which have increased in frequency and size (GLISA, 2013). Extended heat waves during the summer months have shifted forest composition, and increasing variability in freeze-thaw cycles are other climate related impacts city officials are trying to stress the built and natural infrastructure as well as the residents. However, unlike many other cities, Ann Arbor is home to a major research institution and hub of innovation: the University of Michigan (U-M). Ann Arbor has a residential population of 114,000, and U-M’s 43,000 students and 41,000 faculty and staff play a significant role in shaping the character and future of the city (University of Michigan Office of Budget and Planning, 2015, Palmer and Thomas, 2014).

Ann Arbor has a long history of planning around sustainability issues. The first energy plan was created in the 1980s, and has continued to evolve and expand. The city has made significant progress in reducing greenhouse gas emissions, improving energy efficiency, and increasing the use of renewable energy. In addition, the city has implemented various initiatives to promote sustainable transportation and waste reduction. The city of Ann Arbor, like many other cities around the globe, faces numerous climate impacts that will continue to affect the livelihood and safety of its residents. Located in a water-rich region in Southeast Michigan, approximately forty miles west of Detroit, a key concern for Ann Arbor is increasing precipitation, both in the form of storms (with fall alone experiencing a 27 percent increase from 1981–2010 compared to the previous 30 years) and heaviest 1 percent of storms, which have increased in frequency and size (GLISA, 2013). Extended heat waves during the summer months have shifted forest composition, and increasing variability in freeze-thaw cycles are other climate related impacts city officials are trying to stress the built and natural infrastructure as well as the residents. However, unlike many other cities, Ann Arbor is home to a major research institution and hub of innovation: the University of Michigan (U-M). Ann Arbor has a residential population of 114,000, and U-M’s 43,000 students and 41,000 faculty and staff play a significant role in shaping the character and future of the city (University of Michigan Office of Budget and Planning, 2015, Palmer and Thomas, 2014).

http://dx.doi.org/10.3998/mjs.12333712.0004.002
Community

- Annotation in support of “IRL” event
- Enables participation from those who can’t be there, or don’t wish to speak
- We (staff) used the tool! Few others did. :/
- “When it is open and optional, I rarely get adoption” (hypothes.is forum user)
Realities on the Ground

Elsewhere around the world, in China and India, for instance, academic leaders and government officials are investing in higher education to meet the needs of the growing number of students qualified to enter graduate school and to find admission into institutions of higher education. As they do so, they look to the model of U
American Homes is a book. American Homes is an idea. American Homes is a book of ideas. American Homes is about to end. American Homes is the foundation of all unique soundtracks to our American lives. American Homes is the disinclination of individual states. American Homes is government. American Homes is powerlessness. American Homes is slow evolution. American Homes is white. American Homes is great for families. American Homes is better for business. American Homes is aimed at men who are concerned about their feelings. American Homes is feeling much better. American Homes is never worse. American Homes is between shopping centers and the skeletons of factories. At
Authors/Faculty

- Low-bar way to offer something innovative
- Some authors will be very enthusiastic!
- Anxiety around control, monitoring ("What about trolls/spam/anti-vaxxers?")
- Authors like the idea, but do they use it?
1. Web Hosting: Hospitality and Ethical Programs

The suicide bomber stands as perhaps the most disturbing symptom of hospitability through porous boundaries (no matter how well policed these boundaries may be), so that the other will arrive by way of doors and interfaces. While the openness with which bodies can move through transportation infrastructures ensures a level of safety, the threat of a suicide bomb. But the uncertainty and complexity of the situation, itself, remain.

On December 31, 2010, a suicide bomb attack was thwarted not by police or any unlikely hero—spam. A suicide bomber was killed in a safe house as she prepared to detonate a device in Red Square during a New Year’s Eve celebration. The bomber in this case was a female, and she is described female suicide bombers who have lost a relative in battles betw...
Readers

- Accessibility
- Quality/“moderatability”
- Privacy--excited about group functionality!
- Stability
What’s next?
Fulcrum
Picture Rock at Crooked Lake (Return of the Voyageur)

From *Canoes: A Natural History in North America* by Mark Neuzil and Norman Sims

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Francis Lee Jaques, Picture Rock at Crooked Lake (Return of the Voyageur), 1947. Oil on canvas, 83.8 x 106.6 cm.
What’s next? Fulcrum

- Distance between annotations and the work?
- Across the board, or optional per title?
- Notifications--how will we/authors monitor?
Takeaways

- Hypothes.is is awesome and easy, with lots of potential
- So far, works best as a support to events, assignments, or existing communities
- What it means for annotation to be part of a book (or not!) still feels like unexplored territory. We will explore!
Thank you!