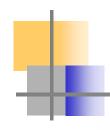


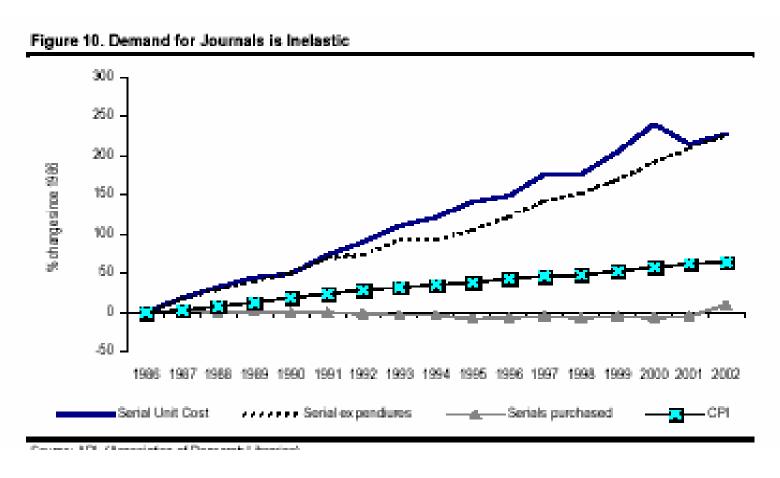
What's wrong with open?

Reflections on strategies for supporting scholarship in an extensively digital age

Daniel Greenstein, Associate Vice Provost
University of California
Office of the President



The economics of scholarly journal publishing are unsustainable



Source: Bear Stearns European Equity Research report on Reed Elsevier. September 29, 2003

The hyperinflation is pervasive across the disciplines and across both for- and not-for profit publishers

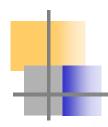
Table 1

Society Journal Prices Compared to CPI and All U.S. Periodicals

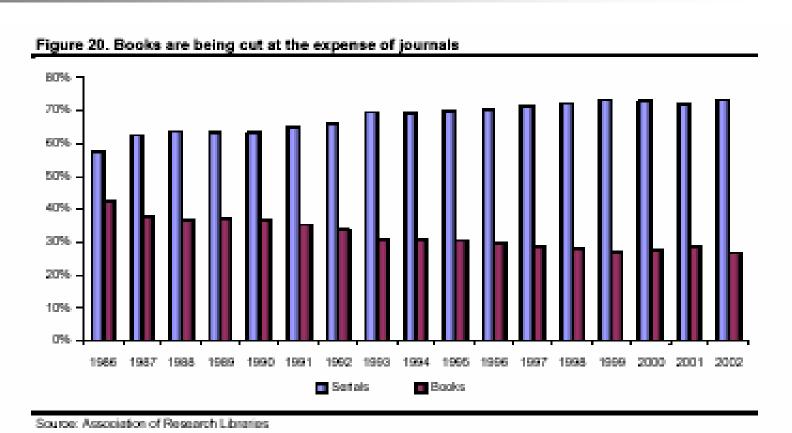
Percent Change

	Consumer Price	All U.S.	U.S. Society Journals
Year	Index	Periodicals	Studied
1988	4.1	9.1	7.0
1989	4.8	9.5	7.0
1990	5.4	9.5	6.5
1991	4.2	11.7	8.2
1992	3.0	12.2	8.3
1993	3.0	5.5	5.4
1994	2.6	9.6	6.2
1995	2.8	10.4	5.6
1996	3.0	10.8	7.4
1997	2.3	9.9	8.1
1998	1.6	10.3	8.6
1999	2.2	10.4	11.3
2000	3.4	9.0	8.8
2001	2.8	8.3	6.9
2002	1.6	7.9	7.2
2003		7.7	6.8
Avg.	3.1	9.5	7.5

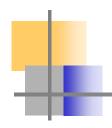
Sources: The ALA Library Materials Price Index Committee (Library Resources & Technical Services (LRTS), July 2003). The annual average price changes for U.S. society journals were from the Allen Press annual studies. Consumer Price Index (CPI) from the U.S. Department of Labor.



The trend curtails production and acquisition of scholarly monographs

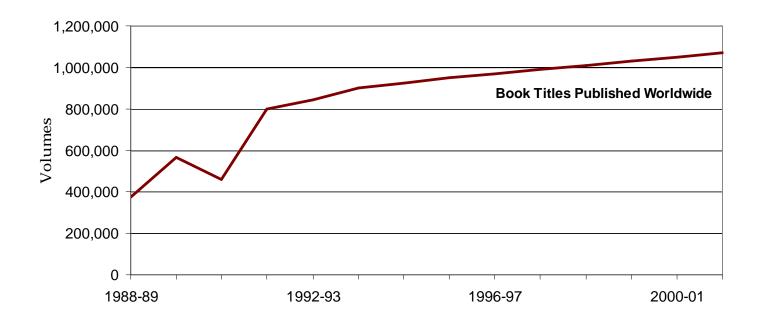


Source: Bear Stearns European Equity Research report on Reed Elsevier. September 29, 2003



While the volume of book publishing continues on the rise

Growth in Worldwide Book Publishing. 1988-2002





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<u>Arnold Schwarzenegger's 10</u> <u>Step - 100 Day Agenda to Turn</u> California Around

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What are your education priorities and how will you implement and pay for them?

I haliana that and of the most important things

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Voters Recall Davis; Schwarzenegger's In

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September 28, 2003

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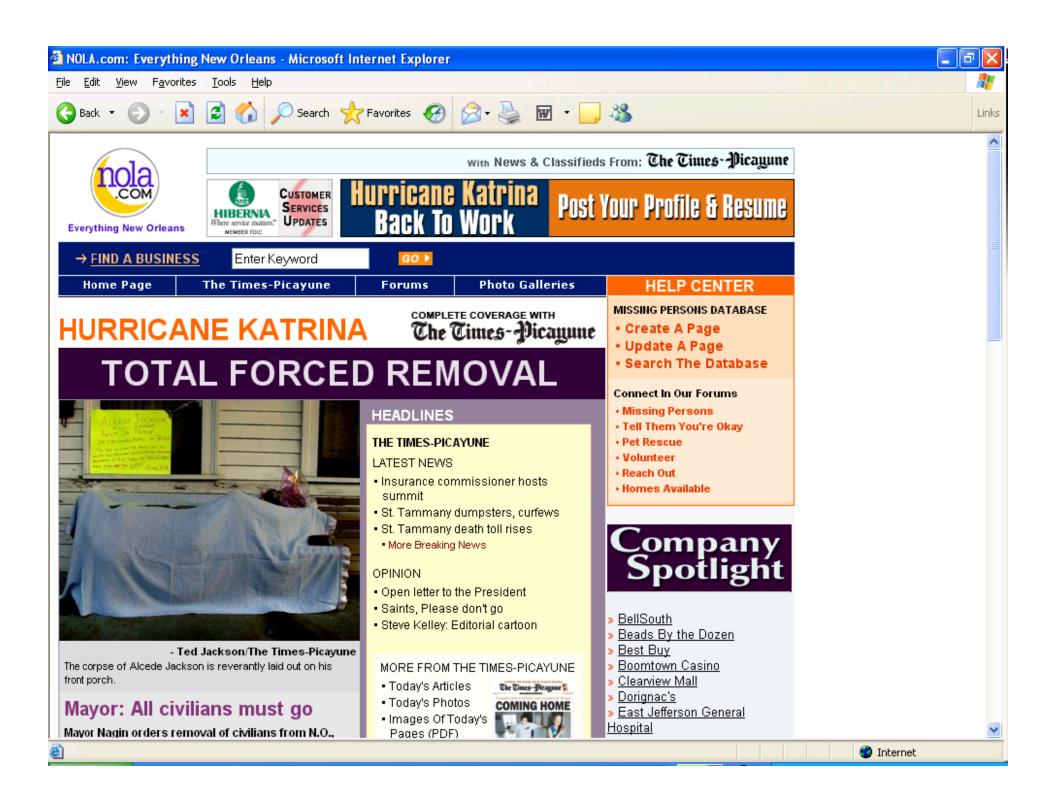
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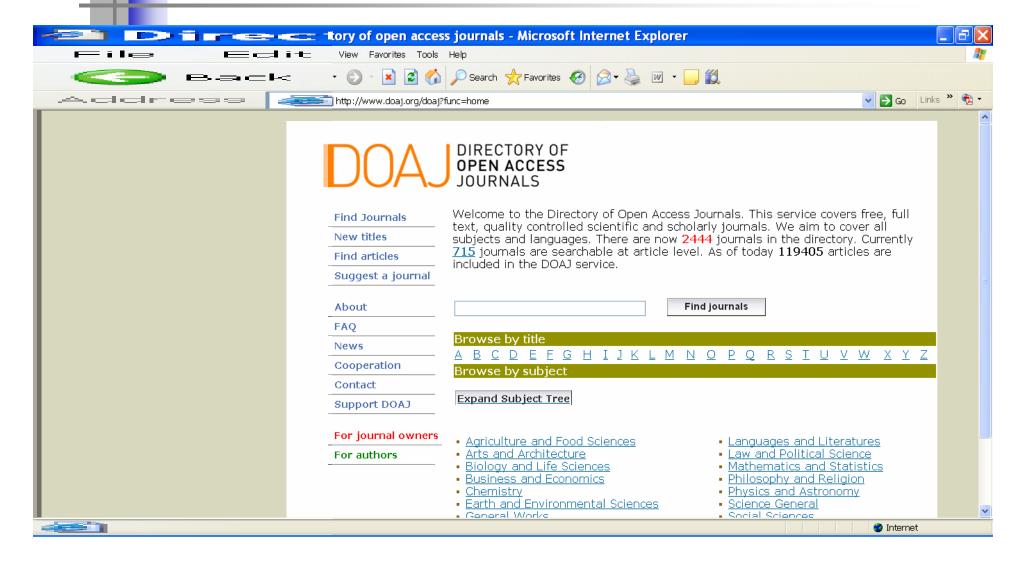
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POSITION IN THE
OFFICE OF ARNOLD
SCHWARZENEGGER

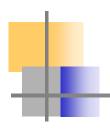
CERTIFICATION TIMELINE

CLICK HERE TO VIEW ELECTION RESULTS AND THE VOTE CERTIFICATION



We have dealt with the crisis in practice...





We have dealt with the crisis in principle

- Tempe, 2000 (http://www.arl.org/scomm/tempe.html)
- Budapest, 2001 (http://www.earlham.edu/~peters/fos/boaifaq.htm)
- Berlin, 2003 (http://oa.mpg.de/openaccess-berlin/berlindeclaration.html)
- Bethesda, 2004
 (http://www.earlham.edu/~peters/fos/bethesda.htm)
- Washington DC, 2006 (http://www.dcprinciples.org/)



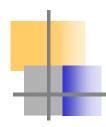
We have dealt with the crisis by resolution

- Case Western, Columbia, Connecticut, Cornell, Kansas, Indiana, Iowa, Oregon State, Stanford, Wisconsin
- UC systemwide as well as Berkeley, Irvine, UCLA, UCSC, UCSB, UCSF



And we have dealt with the crisis by lobbying

e.g. for the Federal Research Public Access Act – S 2695 http://www.arl.org/sparc/advocacy/frpaa/institutions.html



And we have been joined by some powerful voices.

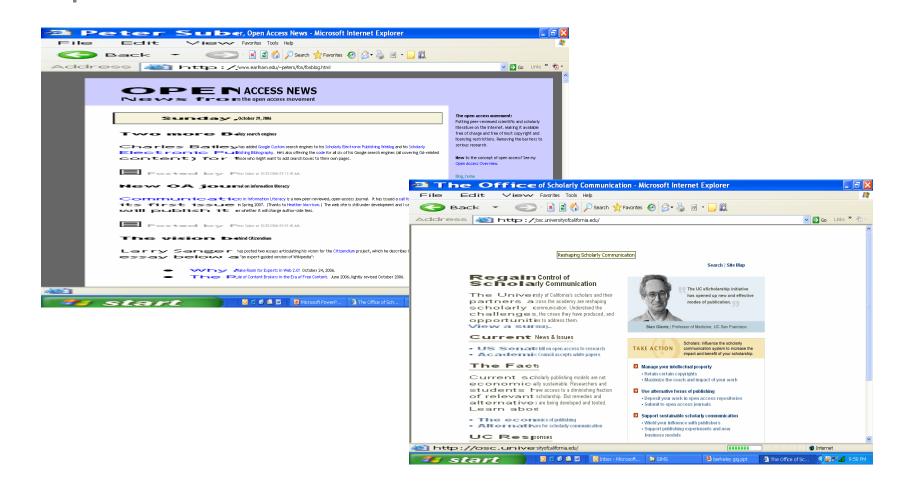
In the US

• NIH

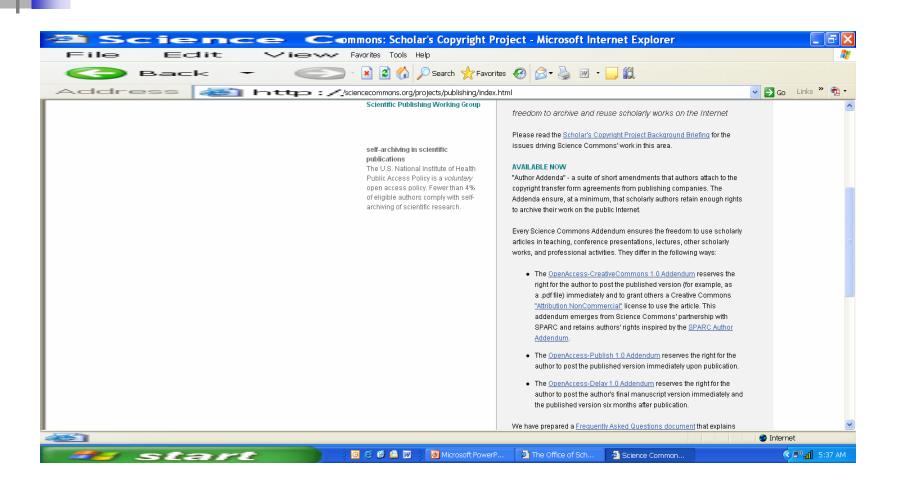
And elsewhere

- Wellcome Trust
- UK Research Councils
- European Union
- NII Japan

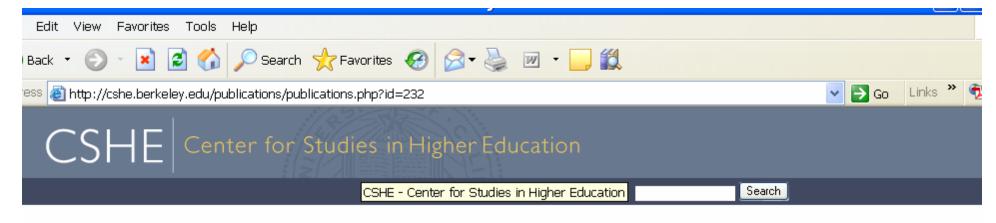
We have dealt with the crisis through copyright education



.... and by providing a range of copyright management tools







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The Influence of Academic Values on Scholarly Publication and Communication Practices

CSHE > Publications > The Influence of Academic Values on Scholarly Publication and Communication Practices

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Research and Occasional Papers

Chronicle of the niversity of California

Research

News

The Influence of Academic Values on Scholarly Publication and Communication

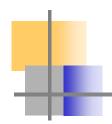
Practices, Diane Harley, Sarah Earl-Novell, Jennifer Arter, Shannon Lawrence, and C. Judson King, CSHE.13.06, (September 2006)

(RESEARCH AND OCCASIONAL PAPERS SERIES)



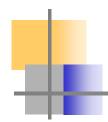
🔼 <u>PDF document</u> (216 kB)

Abstract: This study reports on five disciplinary case studies that explore academic value systems as they influence publishing behavior and attitudes of University of California, Berkeley faculty. The case studies are based on direct interviews with relevant stakeholders faculty, advancement reviewers, librarians, and editors — in five fields: chemical engineering, anthropology, law and economics, English-language literature, and biostatistics. The results of the study strongly confirm the vital role of peer review in faculty attitudes and actual publishing behavior. There is much more experimentation, however, with regard to means of in-progress communication, where single means of publication and communication are not fixed so deeply in values and tradition as they are for final, archival publication. We conclude that approaches that try to "move" faculty and deeply embedded value systems directly toward new forms of archival, "final" publication are destined largely to failure in the short-term. From our perspective, a more promising route is to (1) examine the needs of scholarly researchers for both final and in-progress communications, and (2) determine how those needs are likely to influence future scenarios in a range of disciplinary areas.



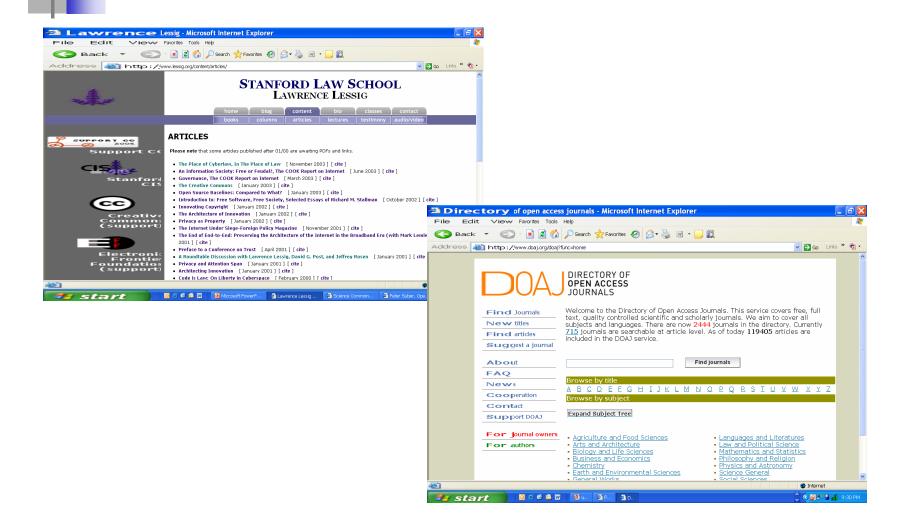
Have we created two scholarly publishing systems?

- One that supports promotion and tenure decisions and is based on subscription-based publications;
- and one that supports scholarship and the dissemination of knowledge?

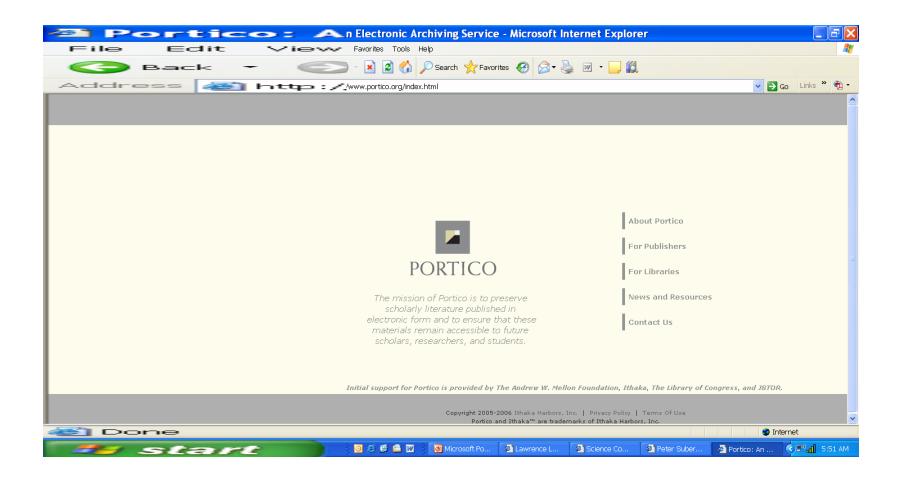


I think we have and I want to pause a moment to reflect on the potential impacts of this

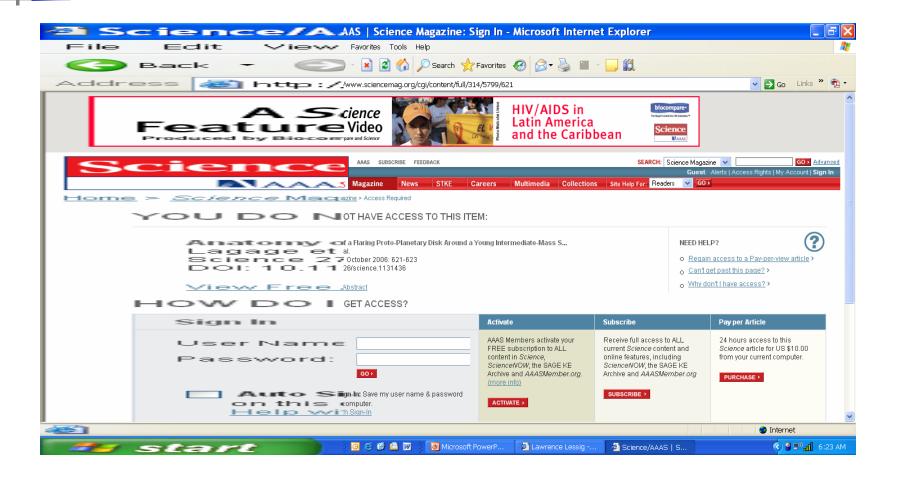
One publishing system is desperately insecure

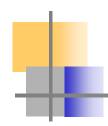


The other system is archived and archival



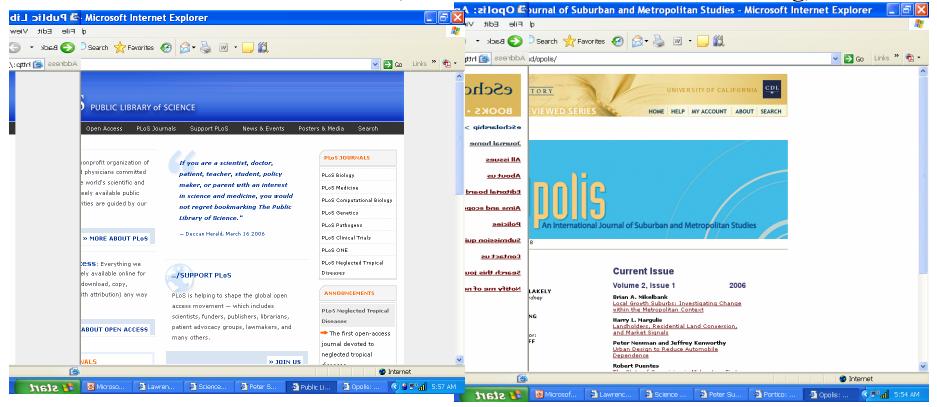
One publishing system apportions costs to beneficiaries



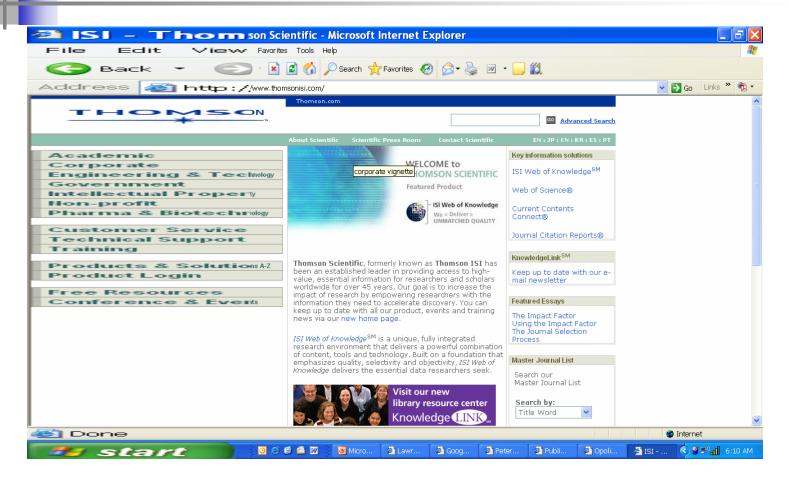


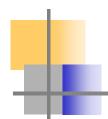
The other apportions its costs

to authors (and is disciplinebound even if viable) or to institutions (and so entails massive free-riding)



One system lends itself to meaningful aggregation and bibliographic control...

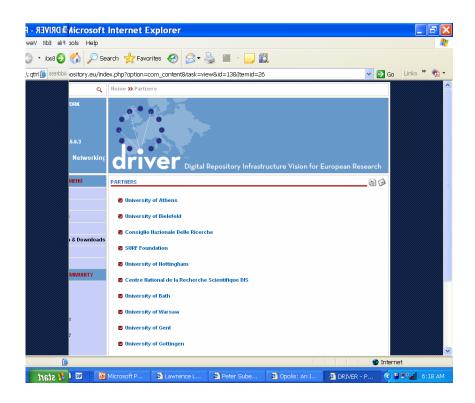


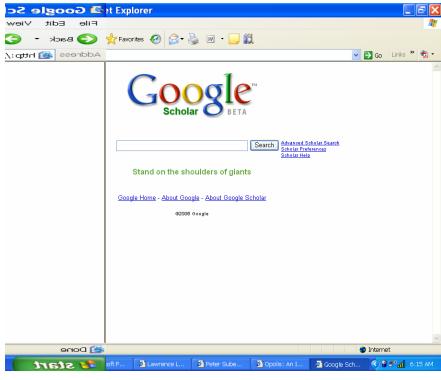


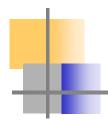
...the other, to

fragmentation

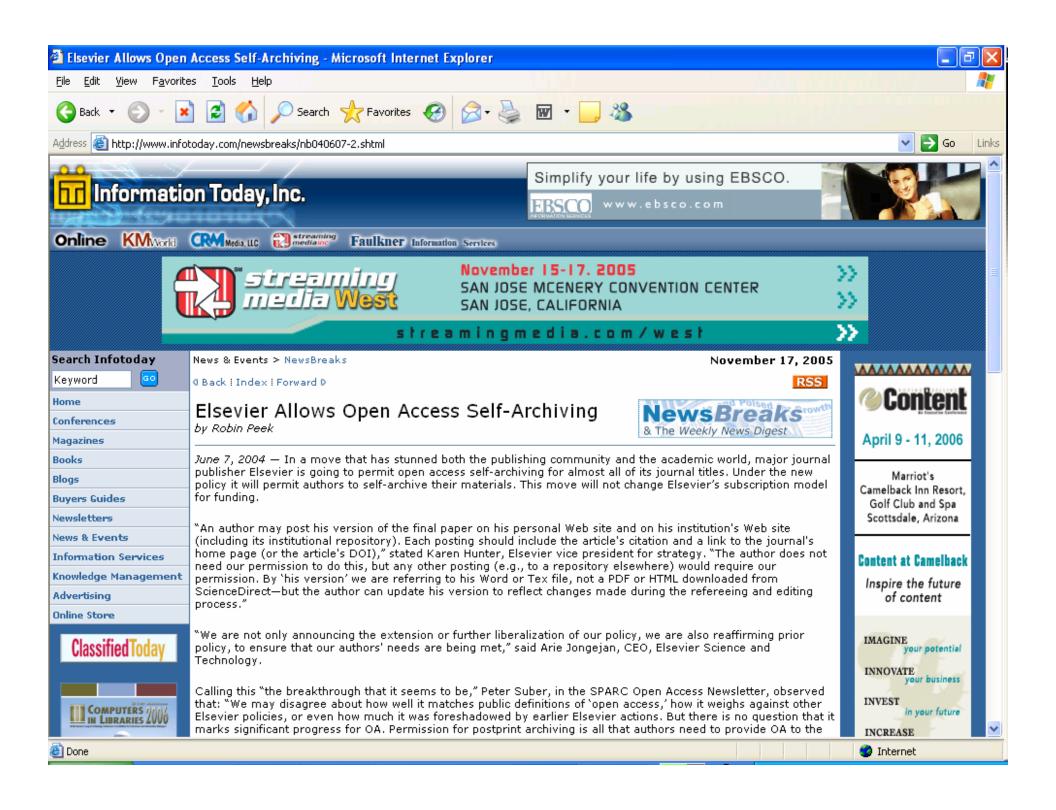
and undifferentiated indexing

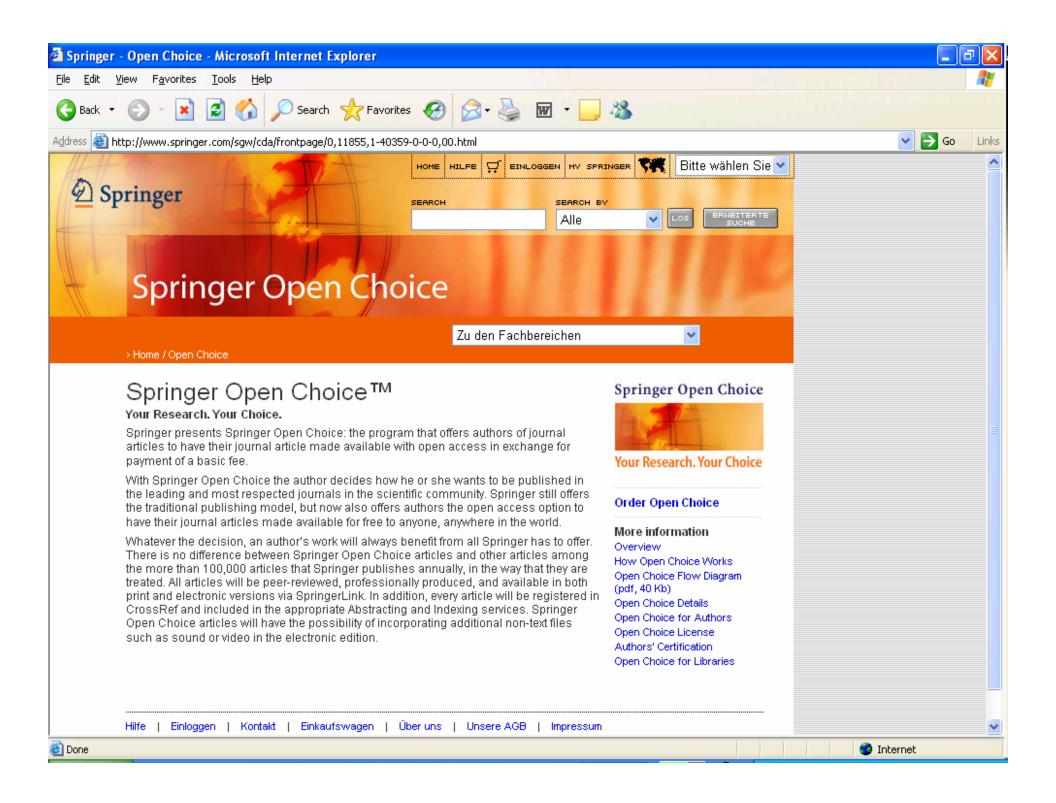


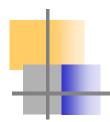




We have clearly made some very significant gains

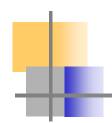




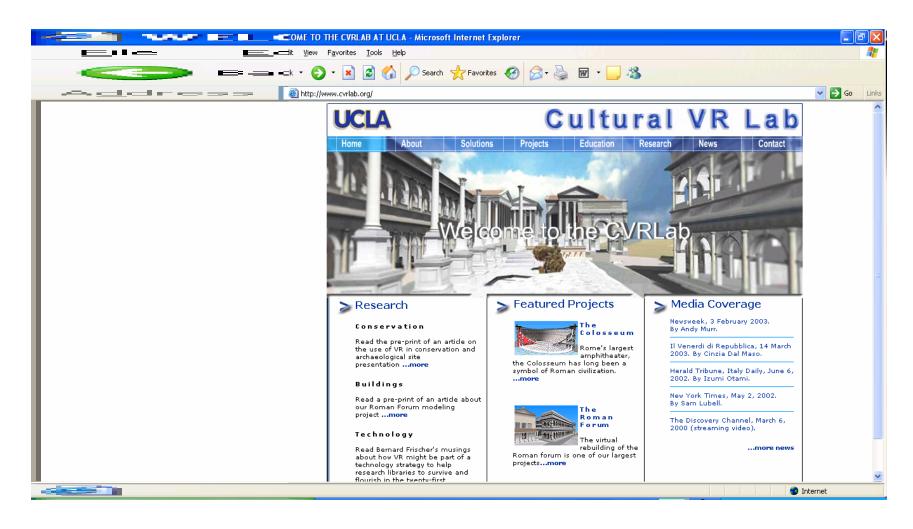


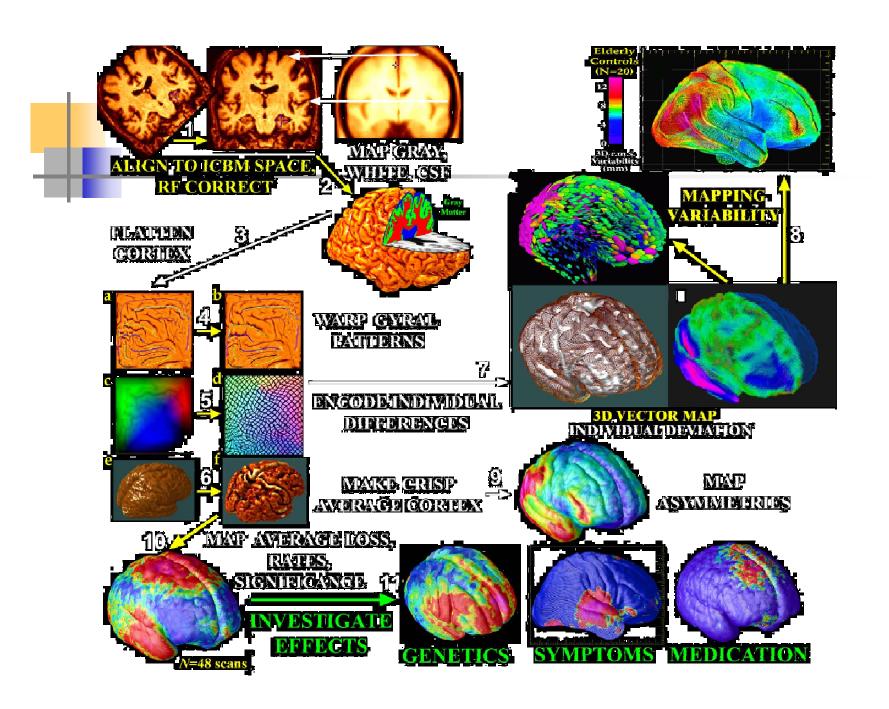
Not only is there irrationality in our supporting two systems of scholarly publishing (one for reward, the other for access), but there is significant real and opportunity cost?

By supporting both systems we consume scarce resources that

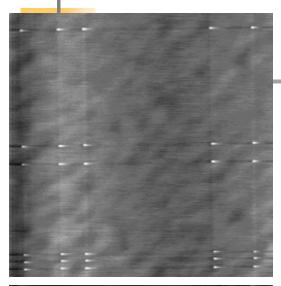


...are needed to address other scholarly publishing crises...

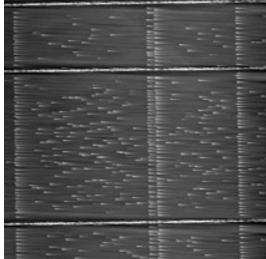


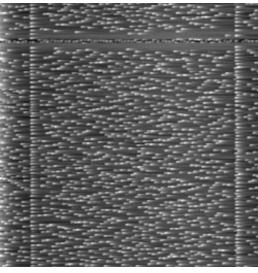


Directed Self-Assembly of Ouantum Dots





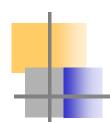




Two-dimensional AFM topographic images of Ge SAQDs with 4-6 Å coverage on a partially relaxed Si0.9Ge0.1 buffer layer, with buried dislocation lines.

Clockwise from upper left:

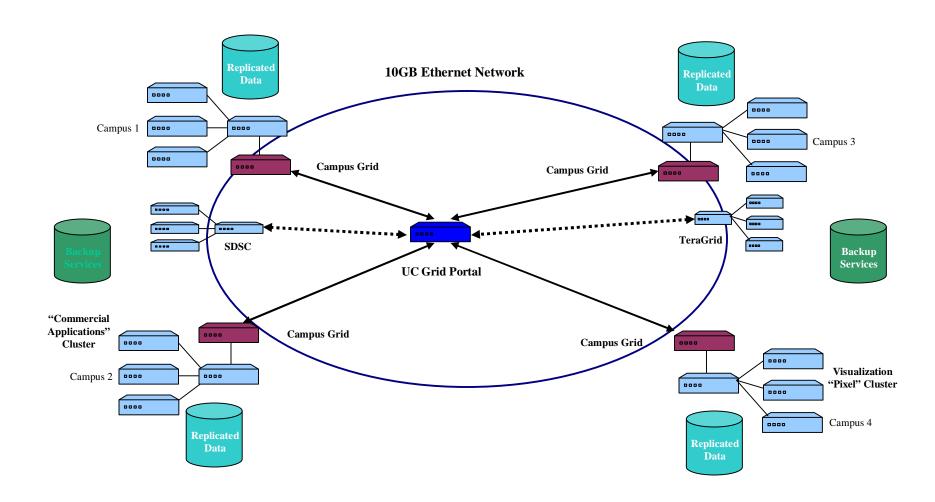
- 4.0 Å Ge coverage with Ge SAQDs only at site A
- 4.5 Å Ge coverage with Ge SAQDs at site A and B
- 5.0 Å Ge coverage with Ge SAQDs at site A, B, and C
- 6.0 Å Ge coverage with Ge SAQDs at site A, B, and C



The question are...

Has our experience with open access publishing and institutional repositories equipped us to surface an economy that is capable of caring for and feeding, and ensuring scholarly exploitation of this vast amount of digital primary evidence?

Will it (and we) be served by the fragmentation, free-riding, and insecurity that are inherent traits of our open access institutional repositories





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- ICPSR summer internship program announcement...
- New data releases on September 29, 2006...
- Feedback requested on ICPSR search engine...
- ICPSR welcomes new consortium members...
- ICPSR launches undergraduate research paper competition...
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I believe that one of the most important things

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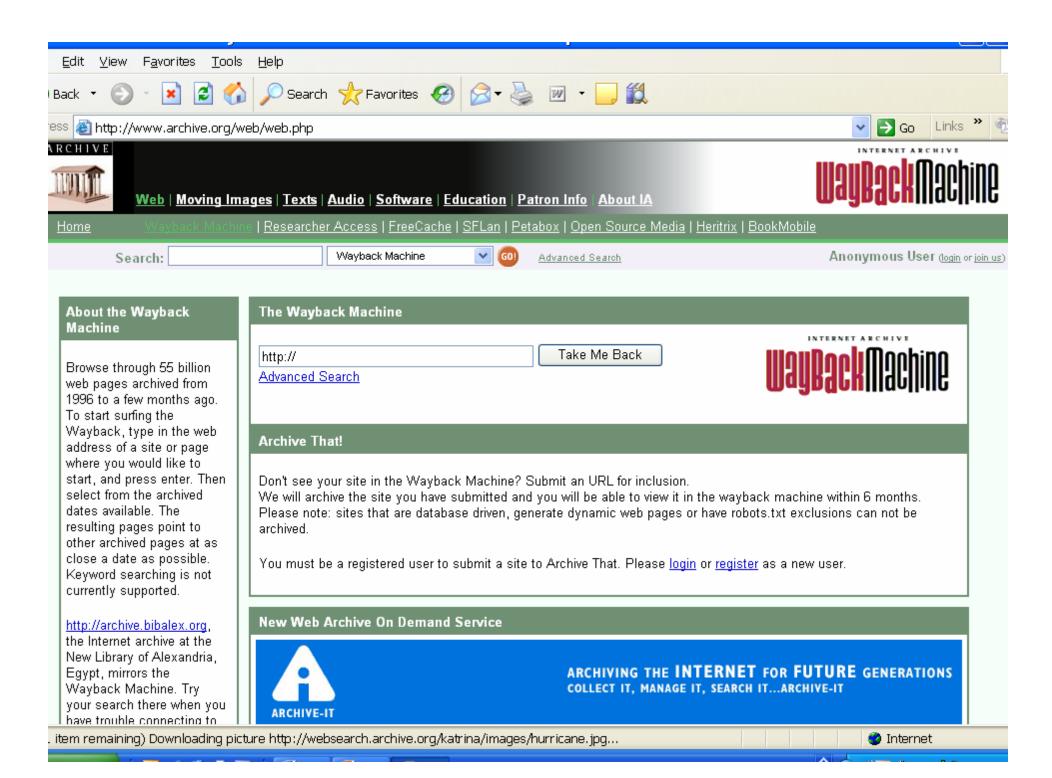
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CLICK HERE TO VIEW **ELECTION RESULTS** AND THE VOTE CERTIFICATION TIMELINE

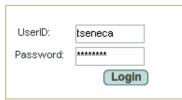


WAS Release 1

The Web Archiving Service is part of the Web-at-Risk NDIIPP project. The goal of Web-at-Risk is to provide tools for librarians to capture, curate and preserve web-based government and political information. The project is a cooperative effort between the California Digital Library, New York University and the University of North Texas.

This is the first of eight scheduled releases for the Web Archiving Service (WAS). This first release focuses on the basic features needed to capture web-based publications. During this pilot phase, WAS is only available to the Web-at-Risk curatorial partners. If you are not part of the WAS curatorial team, you are welcome to explore WAS scope, features and screen images in the WAS Release 1 Guide.

WAS Release 1 enables users to issue web captures, view basic capture result reports, and to look at the captured content.



Further Information

- · Inside CDL: Web-at-Risk
- Web-at-Risk Wiki
- CDL Digital Preservation Program
- · WAS Release 1 Guide

The Web Archiving Service is provided by the California Digital Library.

Funding for this project was provided by the Library of Congress' National Digital Information Infrastructure and Preservation Program.

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Captures	Rights	Collections	Search	
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Manage Sites

Add or edit sites to capture; delete sites you no longer need.

Add new site

Site Details	Actions
California Water Science Center http://ca.water.usgs.gov Here is a description for the Calif. Water Science Center.	2 🗑
California Department of Water Resources http://www.dwr.water.ca.gov	2 🗑
California Department of Fish and Game http://www.dfg.ca.gov	2 🗑
California Bay-Delta Authority (CALFED) http://science.calwater.ca.gov http://solicitation.calwater.ca.gov http://calwater.ca.gov http://www.science.calwater.ca.gov http://www.science.calwater.ca.gov	≥ m̂
California Coastal Commission http://www.coastal.ca.gov/web	2 m
Monterey Bay National Marine Sanctuary http://montereybay.noaa.gov	

Detailed Guides



Tips



About Site Deletions

Deleting a site will remove it from the Manage Sites list, and any captures that are configured to archive the site will not archive it in the future. **Past** captures that have already archived a deleted site will not be affected (i.e., previously archived data will not be lost).



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|--|

Add New Site

indicates a required field	
*Site Name:	Web-at-Risk wiki
*URL(s):	http://wiki.cdlib.org/WebAtRisk/tiki-index.php
	Include "http://", one URL per line.
Description:	
	Submit

Detailed Guides



Selecting sites to capture

Tips

Site Name: What you name a site is up to you. A site names does not need to match the HTML <title> text of its pages. During a capture, <title> information is gathered for each page along with the rest of the HTML.

URLs: In some cases a web site. is delivered from multiple servers. When you create a site entry, you can enter as many server URLs as needed to define the site.



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Captures	Rights	Collections	Search	
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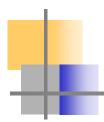
Manage Captures

Capture 'Web-at-Risk documents' was created successfully.

Edit existing capture settings or view capture history. You can also create a new capture.

Refresh status

			Tron con crattic
Capture Details	Status 🛈	Last Capture Start Time	Actions
Water Resources Water-related sites of interest to our curators	Ready	Never Captured	View History Start
Capture Test a couple small test sites	Ready	9/11/06 - 1:19 PM PDT	View History Start
Signage selected signage sites	Ready	9/11/06 - 1:05 PM PDT	View History Start
calfed capture testing browse display of multiURL site	Ready	9/07/06 - 3:55 PM PDT	View History Start
Web-at-Risk documents	Ready	Never Captured	View History Run



So what's wrong with open?

