



# The threat to perpetual access: Licensed Electronic Resources & Open Access

Michelle Polchow  
Electronic Resources Librarian  
Presented November 17, 2020



# Libraries are keepers of the scholarly record

although true in print era, it is less clear who is responsible for keeping digital scholarly record

- National Digital Platform for Libraries --  
a framework to understand perpetual access
  - Licensed Electronic Resources
  - Copyright Section 108 - library superpowers
  - Open Access

# National Digital Platform for Libraries

Institute of Museum and Library Services

*National Digital Platform  
Collaborative or Disconnected?*

- Libraries work to solve local needs
- Simultaneously contribute to regional & national
- NDP is conceptualized as a way of thinking
- Measure US Libraries' digital capacity & capabilities
  - Software applications
  - Social and technological infrastructure
  - Staff expertise

# University of California

... out of contract  
with Elsevier

*UC represents 10% of nation's  
scholarly publishing output -  
negotiations press for  
open access to UC research*



**UC DAVIS LIBRARY**

NEWS SERVICES VISIT PEOPLE SUBJECT GUIDES

⚠ Need help accessing an Elsevier journal article? [Click here >>](#)

NEWS / JULY 10, 2019

## Discontinuation of Elsevier journal access for 2019 articles

TO: UC Davis Academic Community  
FROM: MacKenzie Smith, University Librarian and Vice Provost of Digital Scholarship  
Dennis J. Ventry, Jr., Professor of Law and Vice Chair, Academic Senate University Committee on Library and Scholarly Communication  
RE: Discontinuation of Elsevier journal access for 2019 articles

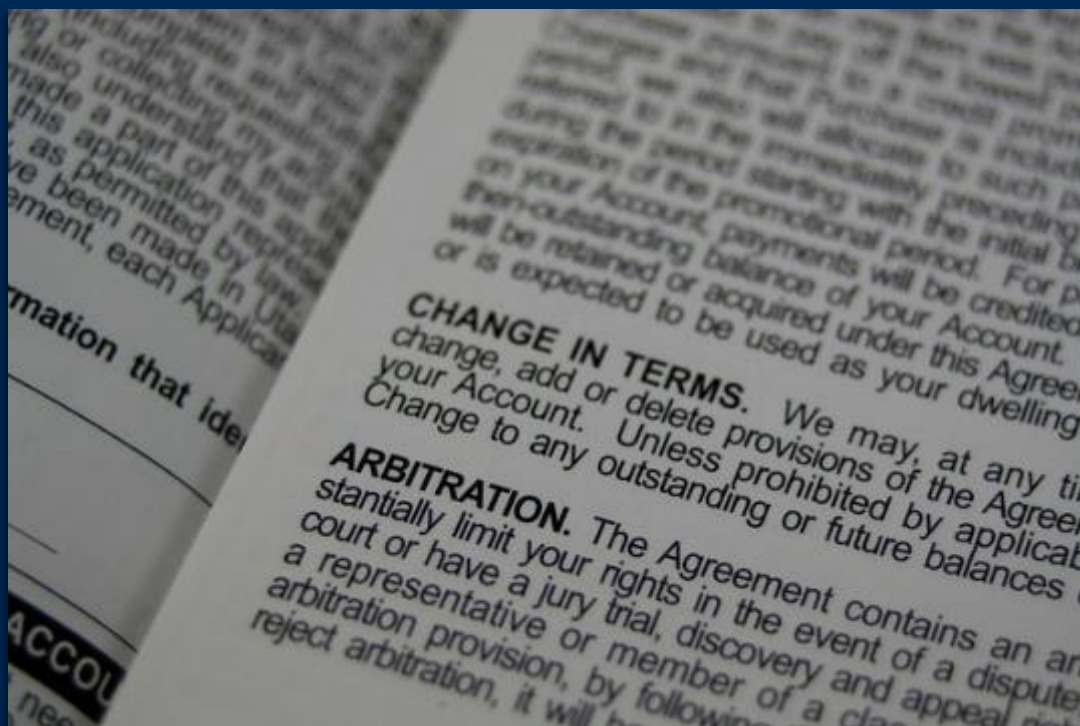
The University of California has been out of contract with Elsevier since January. Until now, the publisher continued to allow access to 2019 articles via ScienceDirect. **As of today, Wednesday, July 10, UC's direct access to these Elsevier articles is being discontinued.**

**What is affected:** Members of the UC community no longer have *direct* access to:

- 2019 articles in all Elsevier journals

Don't  
worry,  
we have perpetual  
access to the  
backfiles...





# What did the fine print say?

Clear & actionable >> Ambiguous >> Absent

# *Licensed Electronic Resources*

*(basics on perpetual terms)*

"When libraries broaden acquisitions to include not just sales, but to also encompass licensing in their business models, the effect has far greater implications beyond acquisitions."

Tomas Lipinski, JD, LL.M, PhD. Professor, Library Science  
Author: *The Librarian's Legal Companion for Licensing  
Information Resources and Services*

License - Access (rent) vs Purchase (own)

Right to 'retain' or 'access' leased content after agreement ends?

If agree to ongoing access, will Licenser supply Licensee with  
archival copies, or  
host on-going access

Archival rights

Is this dependent on an on-going relationship between the parties?  
Perpetual access- except where termination of the agreement  
occurs

Will Licensee become lawful owner of digital copy?

# LibLicense Model

## Performance Obligations

- Access survive termination of agreement
- Equivalent access after termination  
(UC's outcome with Elsevier)
- Licensee takes over equivalent access

- **Perpetual License.** Notwithstanding anything else in the Agreement, Licensors grants to Licensee a nonexclusive, royalty-free, perpetual license to use any Licensed Materials that were [accessible or subscribed to] during the term of this Agreement. Such use shall be in accordance with the provisions of this Agreement, which provisions shall survive any termination of this Agreement. The means by which Licensee shall have access to such Licensed Materials shall be in a manner and form substantially equivalent to the means by which access is provided under this Agreement. If the Licensors's means of access is not available, the Licensee may provide substantially equivalent access to the Licensed Materials in accordance with Sections 8.2 and 8.3, below.

Source: <http://liblicense.crl.edu/licensing-information/model-license/>

# Authorized Uses



```
mysql> USE xmodule_DB;  
Database changed  
mysql> CREATE TABLE posts_lb1 (  
-> post_id INT UNSIGNED NOT NULL AUTO_INCREMENT,  
-> content TEXT,  
-> author_FirstName VARCHAR(100) NOT NULL,  
-> author_LastName VARCHAR(50) DEFAULT NULL ,  
-> isEnabled TINYINT(1) NOT NULL DEFAULT 1,  
-> date TIMESTAMP NOT NULL DEFAULT CURRENT_TIMESTAMP ,  
-> PRIMARY KEY (post_id)  
-> ) ENGINE = MYISAM;  
Query OK, 0 rows affected (0.02 sec)  
mysql> |
```

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Where perpetual rights have not been granted, Licensee will destroy all backup copies within [thirty (30) business days] of termination of this Agreement.

Source: <http://liblicense.crl.edu/licensing-information/model-license/>

1997

List of Journals from Mechanical Engineering Discipline

No.	Title	Journal	ISSN	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50	Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70	Q71	Q72	Q73	Q74	Q75	Q76	Q77	Q78	Q79	Q80	Q81	Q82	Q83	Q84	Q85	Q86	Q87	Q88	Q89	Q90	Q91	Q92	Q93	Q94	Q95	Q96	Q97	Q98	Q99	Q100
1	Journal of Applied Mechanics	Journal	0021-8995	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50	Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70	Q71	Q72	Q73	Q74	Q75	Q76	Q77	Q78	Q79	Q80	Q81	Q82	Q83	Q84	Q85	Q86	Q87	Q88	Q89	Q90	Q91	Q92	Q93	Q94	Q95	Q96	Q97	Q98	Q99	Q100

2004

List of Journals in Chemistry

No.	Title	Journal	ISSN	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50	Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70	Q71	Q72	Q73	Q74	Q75	Q76	Q77	Q78	Q79	Q80	Q81	Q82	Q83	Q84	Q85	Q86	Q87	Q88	Q89	Q90	Q91	Q92	Q93	Q94	Q95	Q96	Q97	Q98	Q99	Q100
1	Journal of Physical Chemistry	Journal	0022-3778	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50	Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70	Q71	Q72	Q73	Q74	Q75	Q76	Q77	Q78	Q79	Q80	Q81	Q82	Q83	Q84	Q85	Q86	Q87	Q88	Q89	Q90	Q91	Q92	Q93	Q94	Q95	Q96	Q97	Q98	Q99	Q100

2011

List of Journals in Chemistry

No.	Title	Journal	ISSN	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50	Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70	Q71	Q72	Q73	Q74	Q75	Q76	Q77	Q78	Q79	Q80	Q81	Q82	Q83	Q84	Q85	Q86	Q87	Q88	Q89	Q90	Q91	Q92	Q93	Q94	Q95	Q96	Q97	Q98	Q99	Q100
1	Journal of Physical Chemistry	Journal	0022-3778	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50	Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70	Q71	Q72	Q73	Q74	Q75	Q76	Q77	Q78	Q79	Q80	Q81	Q82	Q83	Q84	Q85	Q86	Q87	Q88	Q89	Q90	Q91	Q92	Q93	Q94	Q95	Q96	Q97	Q98	Q99	Q100

CI-Indexed L2 Journals

Title	ISSN	Issue(s) Reviewed	SJR	JCR
Journal of Applied Linguistics	0267-1905	36	1.291	2.083
Linguistics	0142-6001	38(4)	1.479	3.593
Linguistics Review	1863-1111	8(1)	—	0.351
Journal of Applied Linguistics	1738-1160	19(2)	0.159	—
Journal of Applied Linguistics	2206-4779	3(1)	0.111	—
Journal of Applied Linguistics	0158-0646	40(1); 40(2)	0.288	—
Journal of Applied Linguistics	2187-9036	18(1)	0.134	—
Journal of Applied Linguistics	1710-1131	73(3); 73(2)	0.394	—
Journal of Applied Linguistics	0958-8221	30(5)	1.760	2.121
Journal of Applied Linguistics	0219-9874	14(1)	0.204	—

## Title List

- Dynamic nature of journals
- Varying length of subscribed content
- Flips between OA – subscription
- Library's documentation

# TRANSFER

## Code of Practice

Code of best practice  
for transferring & receiving publishers  
to minimize disrupting library access



# EDINADataCentre



The screenshot shows the homepage of the ENTITLEMENT REGISTRY. The header is teal with the title 'ENTITLEMENT REGISTRY' and the tagline 'The only complete record of library entitlement history'. To the right is a world map composed of colorful rectangular blocks. Below the header is a dark blue section titled 'HELPING LIBRARIES MAINTAIN PERPETUAL ACCESS RIGHTS'. This section contains four items arranged in a 2x2 grid, each with an icon and a title: 'A COMPLETE RECORD' (document icon), 'AN AUTHORITATIVE RECORD' (upload icon), 'BUILT FOR COLLABORATION' (people icon), and 'DISCOVER PUBLISHER DATA' (play button icon). Each item has a short descriptive paragraph below it. The bottom section is light blue and titled 'HELPING PUBLISHERS AGREE A SHARED VIEW'. It contains two items: 'STREAMLINE YOUR PERPETUAL ACCESS PROCESS' (checklist icon) and 'SHARE AND COLLABORATE' (network icon).

**ENTITLEMENT REGISTRY**  
The only complete record of library entitlement history

**HELPING LIBRARIES MAINTAIN PERPETUAL ACCESS RIGHTS**

- A COMPLETE RECORD**  
Manage your entitlement data, save evidence and compare with publisher information — all in one place.
- AN AUTHORITATIVE RECORD**  
Upload your evidence — invoices, licenses, correspondence — and keep it visible across titles and teams.
- BUILT FOR COLLABORATION**  
Annotate records, track progress and flag problems with our shared team view.
- DISCOVER PUBLISHER DATA**  
We're working with publishers to record institutional entitlements direct from their systems.

**HELPING PUBLISHERS AGREE A SHARED VIEW**

- STREAMLINE YOUR PERPETUAL ACCESS PROCESS**
- SHARE AND COLLABORATE**

Source: <http://blogs.edina.ac.uk/2019/04/25/entitlement-registry-webinar-recording-and-faq/>

## *LIBLICENSE:*

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for digital preservation*

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LOCKSS  
HathiTrust  
IA Scholar (alpha)

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Source: <http://liblicense.crl.edu/licensing-information/model-license/>

## Identifiers

ISSN: 1540-3564

Linking ISSN (ISSN L):  
0193-0026

## Links

URI: [www.tandfonline](http://www.tandfonline)  
URI: [www.informaworld](http://www.informaworld)  
URI: [firstsearch.ocd](http://firstsearch.ocd)  
URI: [firstsearch.ocd](http://firstsearch.ocd)  
URI: [www.haworthpres](http://www.haworthpres)  
Wikipedia: [en.wikipedia.org](http://en.wikipedia.org)  
Wikidata: [www.wikidata.org](http://www.wikidata.org)



## Key-title Journal of library administration (Online)

### Resource information

### Archival Status

Status	Publisher	Keeper	From	To	Updated	Extent of archive
Archived	Taylor & Francis	CLOCKSS Archive	2001	2020	26/10/2020	
ahead-of-print, 35, 37, 46 to 60						
In Progress	Taylor & Francis	LOCKSS Archive	1980	2020	26/10/2020	
1 to 45, 59, 60						
Archived	Taylor & Francis	LOCKSS Archive	2007	2018	26/10/2020	
46 to 58						
Archived	Taylor & Francis	Library of Congress	2017	2019	04/06/2020	
Archived	Haworth Press	National Library of the Netherlands	1980	2008	15/10/2019	
Archived : 1 (1 to 4), 2 (1-2; 3-4), 3 (1 to 2; 3-4), 4 (1 to 4), 5 (1 to 4), 6 (1 to 4), 7 (1-2; 3-4), 8 (1 to 2; 3-4), 9 (1 to 4), 10 (1-2; 3-4), 11 (1-2; 3-4), 12 (1 to 4), 13 (1-2; 3-4), 14 (1 to 4), 15 (1-2; 3-4), 16 (1-2; 3 to 4), 17 (1 to 4), 18 (1-2; 3-4), 19 (1 to 2; 3-4), 20 (1 to 2; 3-4), 21 (3-4), 22 (1-2; 3-4), 23 (1-2; 3-4), 24 (1-2; 3 to 4), 25 (1-2; 3-4), 26 (1-2; 3-4), 27 (1-2; 3-4), 28 (1 to 4), 29 (1 to 2; 3-4), 30 (1-2; 3-4), 31 (1 to 2; 3-4), 32 (1-2; 3-4), 33 (1-2; 3-4), 34 (1-2; 3-4), 35 (1-2; 3 to 4), 36 (1-2; 3 to 4), 37 (1-2; 3-4), 38 (1-2; 3-4), 39 (1-2; 3-4), 40 (1-2; 3-4), 41 (1-2; 3-4), 42 (1 to 2; 3-4), 43 (1-2; 3-4), 44 (1-2; 3-4), 45 (1-2; 3-4), 46 (1 to 2; 3-4), 47 (1-2; 3-4), 48 (1 to 2; 3-4)						

# Keepers Registry – ISSN International Centre

- Monitors 13 preservation schemes

# Keepers Registry

## Library action items:

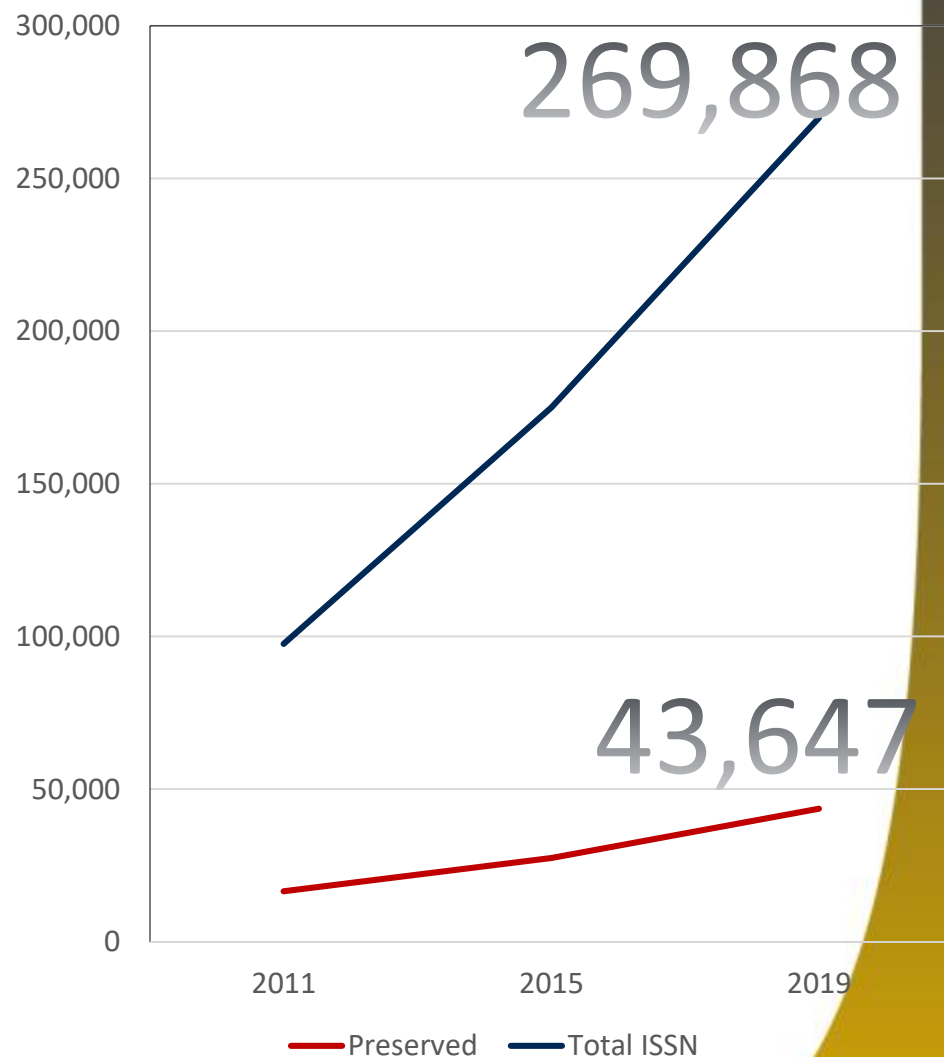
- License terms include 3rd party preservation
- Follow-up on publisher deposits

### Notes about statistics—

- Measures 13 preservation schemes &
- Not all ISSN represent scholarly titles



Total ISSN Titles vs. Preserved Titles



Source: Laakso, Mikael, Lisa Matthias, and Najko Jahn.  
"Open Is Not Forever: A Study of Vanished Open Access Journals." (2020). Web.

# E-Books

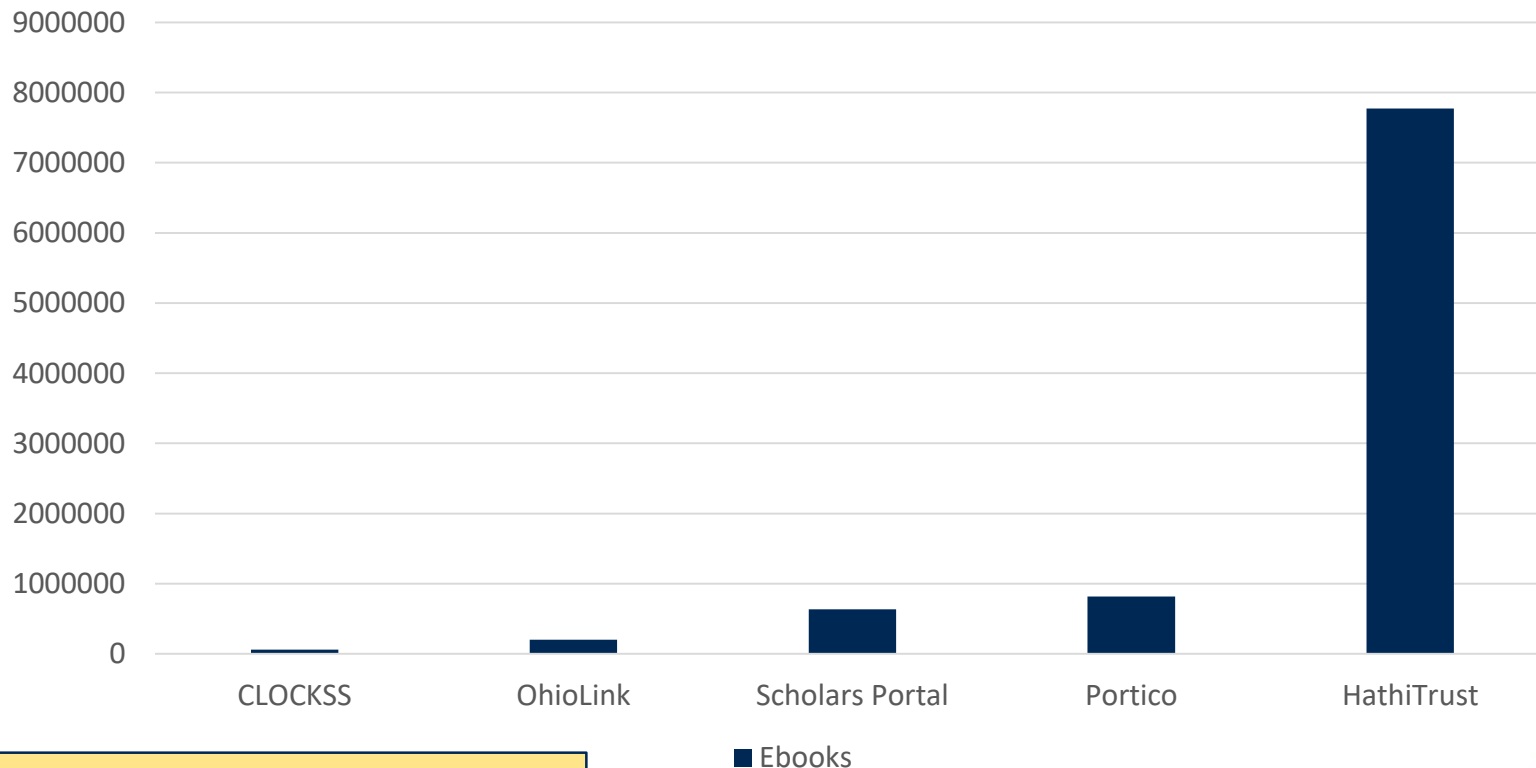
- “Owned e-books” – license is critical
- Include ILL terms
  - Occam’s Reader - WRLC
  - VIVA e-book lending model
- Multiple hosting platforms (lots of copies = safe)
  - EBSCO
  - ProQuest
  - University Press platforms
- Consortia hosting models:
  - OhioLINK
  - Scholars Portal

Sources: Virginia’s Academic Library Consortium, Whole ebook lending,  
<https://vivalib.org/c.php?g=836990&p=6137355>

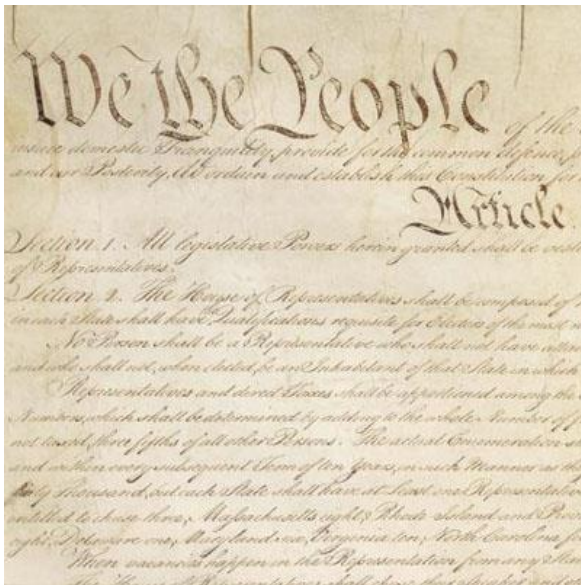
George Machovec (2018) Consortial Ebook Archiving Environmental Scan,  
Journal of Library Administration, 58:1, 81-90, DOI: 10.1080/01930826.2017.1399706

# Environmental Scan

## eBook Preservation



Note: eBooks both under copyright and public domain



## U.S. Constitution- Copyright Section 108

Section 108 of the Copyright Act permits libraries and archives to make certain uses of copyrighted materials in order to serve the public and **ensure the availability of works over time.**

Among other things, Section 108 provides limited exceptions for libraries and archives to make copies in specified instances for **preservation, replacement and patron access.**



[Position Statement](#) / [Statement on Controlled Digital Lending by Libraries](#)

## Position Statement on Controlled Digital Lending

Last Updated September 2018

### Introduction

This Position Statement on Controlled Digital Lending by Libraries ("Statement") offers a good faith interpretation of U.S. copyright law for American libraries considering how to perform traditional lending functions using digital technology while preserving an appropriate balance between the public benefit of such lending and the protected interests of private rights holders. This Statement only applies to in-copyright works, as public domain works may be distributed without restriction. This Statement is not intended to describe the upper limits of the fair use or other rights of libraries, bind the signatories to any legal position, or constitute legal advice. **Because the following analysis is general, any library considering implementing controlled digital lending should consult a competent attorney to develop an appropriate program responsive to the specific needs of the institution and community.**

### Controlled Digital Lending ("CDL")

One of the most fundamental and socially beneficial functions of libraries is providing broad access to information by lending books and other materials to their communities. To lend materials more effectively, libraries can apply CDL to their collections in order to fulfill their missions. CDL techniques like those described in this Statement are designed to mirror traditional library practices permitted by copyright law.

Properly implemented, CDL enables a library to circulate a digitized title in place of a physical one in a controlled manner. Under this approach, a library may only loan simultaneously the number of copies that it has legitimately acquired, usually through purchase or donation. For example, if a library owns three copies of a title and digitizes one copy, it may use CDL to circulate one digital copy and two print, or three digital copies, or two digital copies and one print; in all cases, it could only circulate the same number of copies that it owned before digitization. Essentially, CDL must maintain an "owned to loaned" ratio. Circulation in any format is controlled so that only one user can use any given copy at a time, for a limited time. Further, CDL systems generally employ appropriate technical measures to prevent users from retaining a permanent copy or distributing additional copies.

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JAO Journal of Archival Organization > Volume 16, 2019 - Issue 4

Enter keywords, authors, DOI, ORCID etc.

109 Views

0 Crossref citations to date

0 Altmetric

Listen

Archives and the Law

# Where is 108? Possible under-utilization of the Copyright Act's library and archive-specific exemption from copyright infringement

Stephanie (Cole) Adams

Pages 220-227 | Received 11 Oct 2019; Accepted 26 Nov 2019; Published online: 30 Dec 2019

Download citation | <https://doi.org/10.1080/15332748.2019.1698884> | Check for updates

Local Library create your own--  
Copyright Section 108 Policy



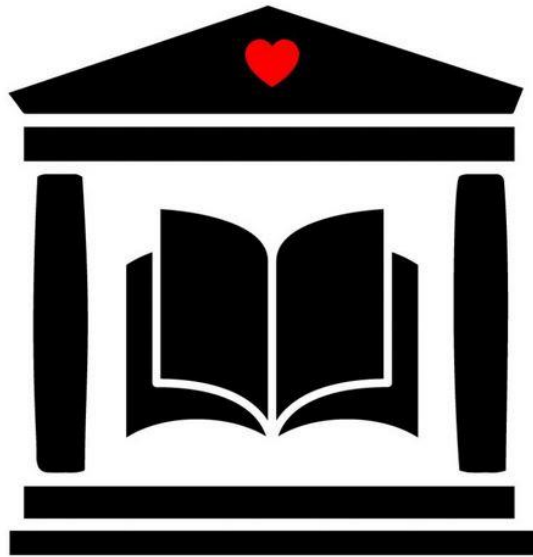
HATHI  
TRUST  
DIGITAL  
LIBRARY

*EMERGENCY TEMPORARY ACCESS SERVICE*

# Internet Archive

**Announcing a National Emergency Library to Provide Digitized Books to Students and the Public**

Posted on March 24, 2020 by [chrisfreeland](#)



**National Emergency Library**  
**Archive.org/NEL**

**March 24, 2020**

Vast majority of 1.4 million, 20<sup>th</sup> century titles do not have a commercially available ebooks

2.5 million public domain books

# Academic Libraries Video Trust



*Founded on Copyright provision for libraries*

pursuant to Section 108 of the U.S. Copyright Act  
preservation and replacement of works  
in the library's collections

*Repository for AudioVisual Works*

- Works currently available only in the obsolete VHS format
- Cooperative digitization and online distribution channel
- Library's VHS collection or receipts for such works
- Trust is library fee based

# Open Access & vanishing journals

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Most open-access journals lack the technical means and plans to preserve their articles, despite a mandate from some funders that they do so. SEZERYADIGAR/ISTOCK.COM

### Dozens of scientific journals have vanished from the internet, and no one preserved them

By Jeffrey Brainard | Sep. 8, 2020 , 4:10 PM

# Open is not forever

 Cornell University

arXiv.org > cs > arXiv:2008.11933

Search...  
Help | Advat

Computer Science > Digital Libraries

[Submitted on 27 Aug 2020 (v1), last revised 3 Sep 2020 (this version, v3)]

**Open is not forever: a study of vanished open access journals**

Mikael Laakso, Lisa Matthias, Najko Jahn

The preservation of the scholarly record has been a point of concern since the beginning of knowledge production. With print publications, the responsibility rested primarily with librarians, but the shift towards digital publishing and, in particular, the introduction of open access (OA) have caused ambiguity and complexity. Consequently, the long-term accessibility of journals is not always guaranteed, and they can even disappear from the web completely. The purpose of this exploratory study is to systematically study the phenomenon of vanished journals, something that has not been done before. For the analysis, we consulted several major bibliographic indexes, such as Scopus, Ulrichsweb, and the Directory of Open Access Journals, and traced the journals through the Internet Archive's Wayback Machine. We found 176 OA journals that, through lack of comprehensive and open archives, vanished from the web between 2000-2019, spanning all major research disciplines and geographic regions of the world. Our results raise vital concern for the integrity of the scholarly record and highlight the urgency to take collaborative action to ensure continued access and prevent the loss of more scholarly knowledge. We encourage those interested in the phenomenon of vanished journals to use the public dataset for their own research.

Comments: 32 pages, 5 tables, 5 figures, preprint

Subjects: Digital Libraries (cs.DL)

Cite as: arXiv:2008.11933 [cs.DL]  
(or arXiv:2008.11933v3 [cs.DL] for this version)

**Submission history**

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[v3] Thu, 3 Sep 2020 15:41:06 UTC (769 KB)




- ❑ 176 OA journals vanish
- ❑ 900 OA journals inactive
- ❑ WayBack Machine insufficient

152 journals flipped  
from OA to Subscription



*Article*

## The Two-Way Street of Open Access Journal Publishing: Flip It and Reverse It

Lisa Matthias<sup>1,\*</sup> , Najko Jahn<sup>2</sup>  and Mikael Laakso<sup>3</sup> 

<sup>1</sup> John F. Kennedy Institute, Freie Universität Berlin, 14195 Berlin, Germany

<sup>2</sup> Göttingen State and University Library, University of Göttingen, 37073 Göttingen, Germany; najko.jahn@sub.uni-goettingen.de

<sup>3</sup> Information Systems Science, Hanken School of Economics, 00100 Helsinki, Finland; mikael.laakso@hanken.fi

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Received: 8 February 2019; Accepted: 28 March 2019; Published: 3 April 2019

Directory of  
Open Access  
Journals  
(DOAJ)

CLOCKSS  
Internet Archive  
Keepers Registry



## DOAJ News Service

*News, updates, & developments from the Directory of Open Access Journals*

### DOAJ to lead a collaboration to improve the preservation of open access journals

« Previous / Next »

DOAJ (Directory of Open Access Journals) / 05/11/2020 / In development, News update, Press release

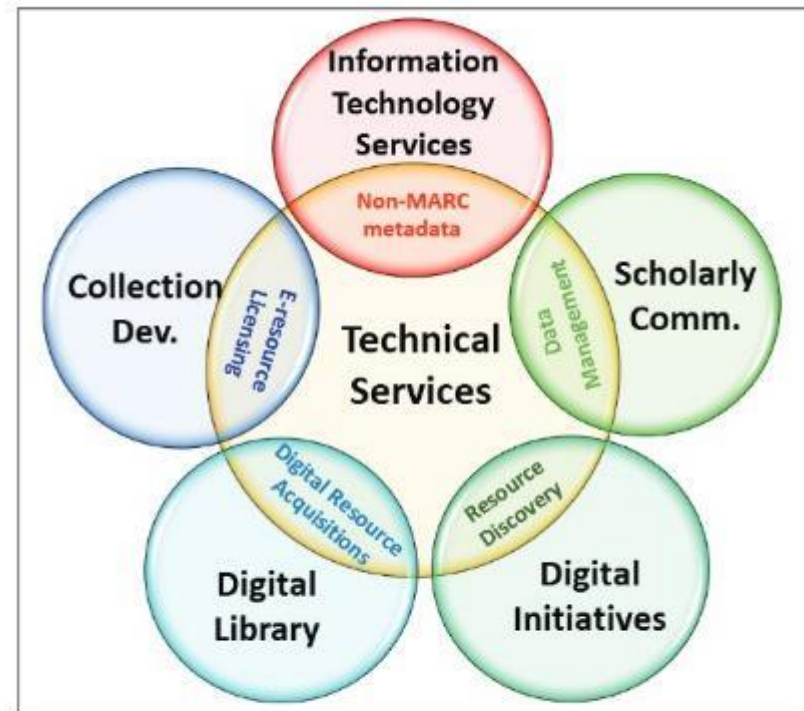
#### PRESS RELEASE

DOAJ, the [CLOCKSS Archive](#), [Internet Archive](#), [Keepers Registry](#)/ISSN International Centre and [Public Knowledge Project](#) (PKP) have agreed to partner to provide an alternative pathway for the preservation of small-scale, APC-free, Open Access journals.

[The recent study](#), authored by M. Laakso, L. Matthias, and N. Jahn, has revived academia's concern over the disappearance of the scholarly record disseminated in Open Access (OA) journals.

# Perpetual Access

knowledge,  
leadership,  
roles & responsibilities



**Figure 1.** Technical Services Collaborative Functions with Different Library Units

Yun Davis, Jeehyun. (2016). Transforming Technical Services: Evolving Functions in Large Research University Libraries. *Library Resources & Technical Services*. 60. 10.5860/lrts.60n1.52.

# National Digital Platform for Libraries



Libraries as keepers of the scholarly record



Sources: Balanced Scale by ProSymbols, US; Individual vs. Group by Z. Liew, Shutterstock and Library by Smalllike

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thank you!

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