

# STRATEGIES FOR EXPANDING EJOURNAL PRESERVATION

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May 28, 2015

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# Key Players

Archiving In



PORTICO



**The Keepers Registry**

Supporting long-term access to journal content

Archiving In



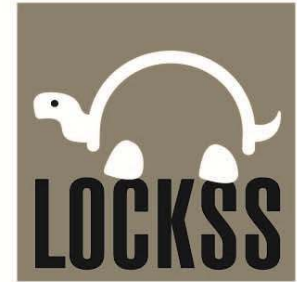
PORTICO

## PORTICO

Dark Dark archive in which content is manually or automatically ingested from publishers and migrated from specific formats to the NLM archival standard file.

## LOCKSS

Open-Source technology allows institutions to implement a local LOCKSS box to maintain a local collection of preserved digital content in its native format.



**Library Fee:** Annual fee based on total materials expenditure.

**Publisher Fee:** Annual fee based on annual journal revenue.

*When allowed by publisher, libraries can fulfill post-cancellation access rights via Portico.*

**Library Fee:** Annual participation fee in the LOCKSS Alliance based on institution size.

**Publisher Fee:** Free

*Libraries maintain control of and custody of their collection, technical support from LOCKSS Alliance.*

# DIGITAL PRESERVATION

**Supporting Library Fee:** Annual fee based on total materials budget.

**Publisher Fee:** Annual fee based on total publishing revenues.

*Supporting libraries do not participate in the selection, maintenance, and testing of archive; the fee supports the cost of long-term digital preservation. Content is freely available to everyone when triggered.*

**Library Fee:** Annual fee based on several factors, including but not limited to: number of volumes contributed in the public domain, in-copyright, of partners that already hold a volume, and infrastructure costs for preservation.

**Publisher Fee:** Do not participate. All content comes from partner library collections.

*Materials in HathiTrust are made available to the public good to the extent permitted by law and contracts.*



## CLOCKSS

Using the LOCKSS technology, CLOCKSS geographically distributes a collective archive via 12 different research institution archive nodes.

## HATHITRUST

Long-term preservation strategy for the digitized content of partner libraries with centralized access and full-text searching to partner content and collections.



HATHI  
TRUST



# The Keepers Registry

Supporting long-term access to journal content

[Home](#) | [Journals](#) | [Publishers](#) | [Archiving Agencies](#) | [FAQ](#) | [About](#) | [Help](#)

## Discover who is looking after your e-journals

### Search

Input a search term (e.g. free text, or a title or ISSN(s))

 [Display example searches](#)

 [Glossary and definitions](#)

The following organisations are the Keepers of digital content, working on your behalf to ensure long-term access to the scholarly and cultural record. They provide the registry with information on their archival holdings, ordered by most recent update (date of which is shown):

- [Library of Congress](#) (6 January 2015)
- [Archaeology Data Service](#) (5 January 2015)
- [British Library](#) (2 January 2015)
- [HathiTrust](#) (1 January 2015)
- [Scholars Portal](#) (1 January 2015)
- [Portico](#) (24 December 2014)
- [CLOCKSS Archive](#) (16 December 2014)
- [Global LOCKSS Network](#) (16 December 2014)
- [National Science Library, Chinese Academy of Sciences](#) (6 January 2014)
- [e-Depot](#) (24 April 2012)

The most up-to-date information may be available on the Keeper's website.

## Goals: Perpetual Access vs. Preservation/Archival Access

- Perpetual Access or Post-Cancellation Access:

*Access to content from the years in which the library subscribed, regardless of current subscription status*

- Preservation or Archival Access:

*Guarantees that content is available for your library to exercise its perpetual access rights.*

# Library's Role



# Introduction

**2CUL:** Collaboration between Columbia University and  
Cornell University Libraries:

- Technical Services
- Collection Development
- Technology/Digital Preservation
  - *“Develop and embrace comprehensive strategies:  
for ... digital preservation...”*



# Introduction

## 2011: 2CUL LOCKSS Assessment

How well is LOCKSS being deployed and does it fit into the preservation strategies of 2CUL's libraries?

## 2012: Keepers Registry Analysis (Duke and 2CUL Holdings)

2CUL eJournal Preservation Study, Phase 1, 2011: <https://www.2cul.org/files/2CULLOCKSSFfinalReport.pdf>

## Introduction

LOCKSS and Portico combined preserve 11,883 titles, or **26.1%**, of Cornell's 45,602 eJournal titles with an ISSN, eISSN, or both.

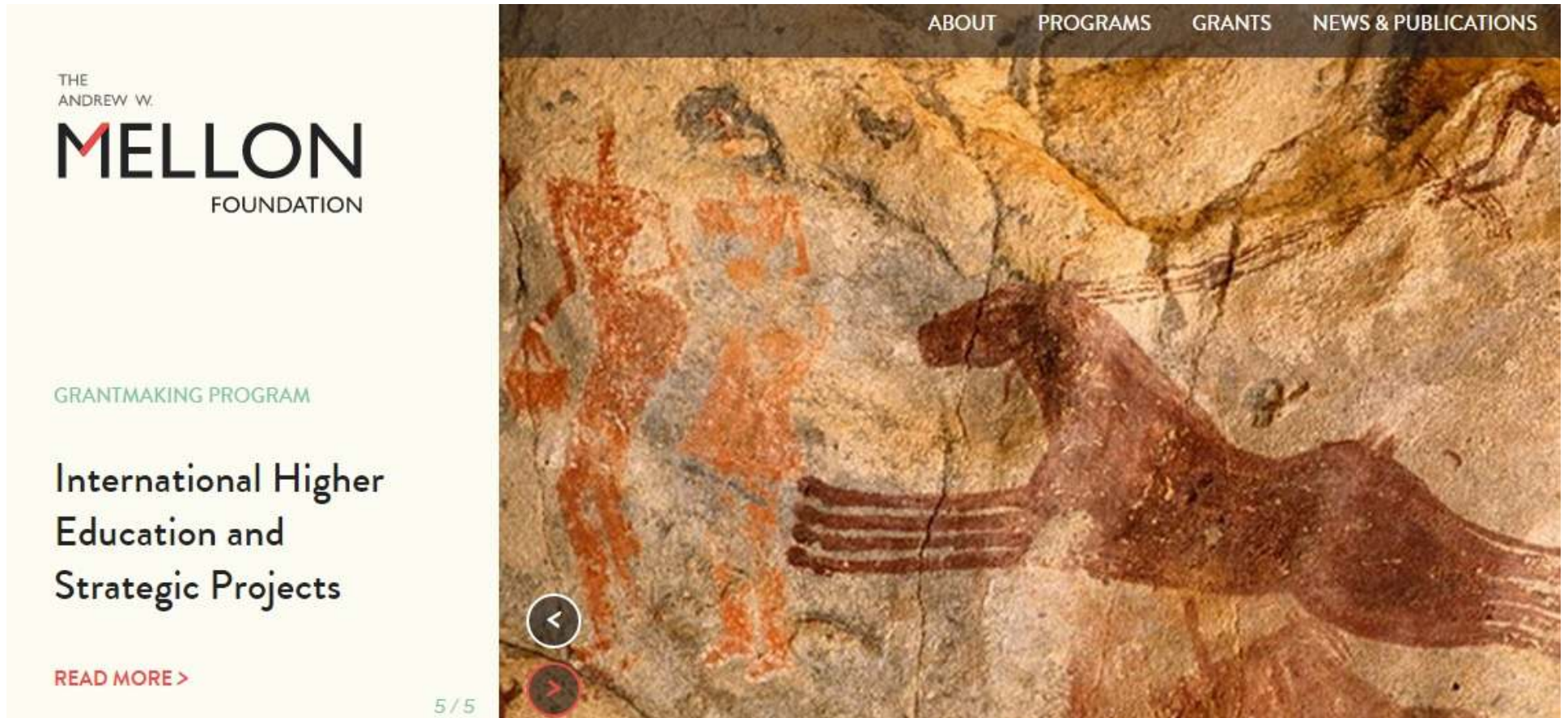
# Introduction

**Table 1**  
E-Journal Preservation Status<sup>a</sup> for Three US Research Libraries.

University library	% 'Preserved' by 1 or more	% 'Preserved' by 3 or more	% Not known as 'Preserved'	Total having a valid ISSN
Columbia	26	12	74	58,882
Cornell	28	13	72	54,698
Duke	22	10	78	61,682

<sup>a</sup> When checked against preservation activity of The British Library, CLOCKSS, e-Depot (Netherlands), Global LOCKSS Network, HathiTrust, National Science Library of China and Portico, as reported into The Keepers Registry.

# Introduction



ABOUT PROGRAMS GRANTS NEWS & PUBLICATIONS

THE ANDREW W. MELLON FOUNDATION

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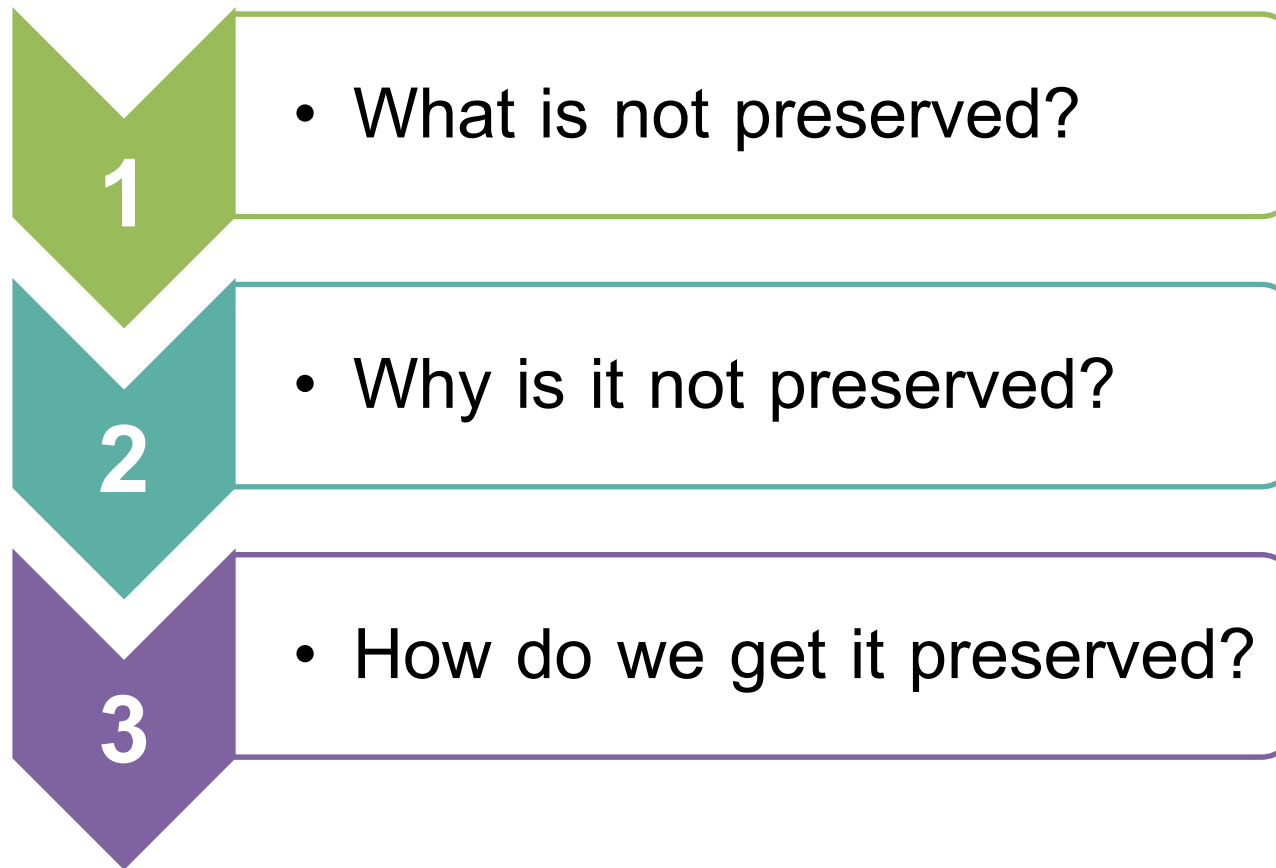
International Higher Education and Strategic Projects

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The image shows a screenshot of a website. At the top, there is a navigation menu with the items 'ABOUT', 'PROGRAMS', 'GRANTS', and 'NEWS & PUBLICATIONS'. Below the menu is a large image of ancient rock art, featuring a prominent reddish-brown animal, possibly a horse or bull, with a striped tail. On the left side of the image, there is a white sidebar containing the Mellon Foundation logo and text. The text in the sidebar includes 'THE ANDREW W. MELLON FOUNDATION', 'GRANTMAKING PROGRAM', 'International Higher Education and Strategic Projects', and a 'READ MORE >' link. At the bottom of the sidebar, there is a '5 / 5' indicator. In the bottom right corner of the main image area, there are two circular navigation buttons, one with a left arrow and one with a right arrow.

# Goals

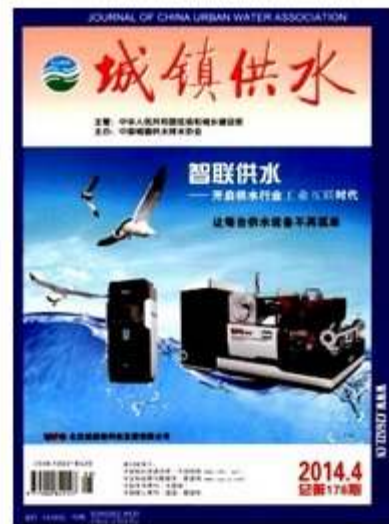




Goal #1:

What is not preserved?

# Goal #1: What *NOT*: Exclusion Categories



**Journal title:** 城镇供水  
**Sponsor:** 中国城镇供水排水协会  
**Publication frequency:** 双月  
**Publication location:** 北京市  
**Language:** 中文;  
**Size:** 大16开  
**ISSN:** 1002-8420  
**CN:** 11-1703/TU



COLUMBIA LAW REVIEW



## Goal #1: What?



Major Publishers

Small Publishers



Society Publishers

Goal #1: What?



## Goal #1: What?



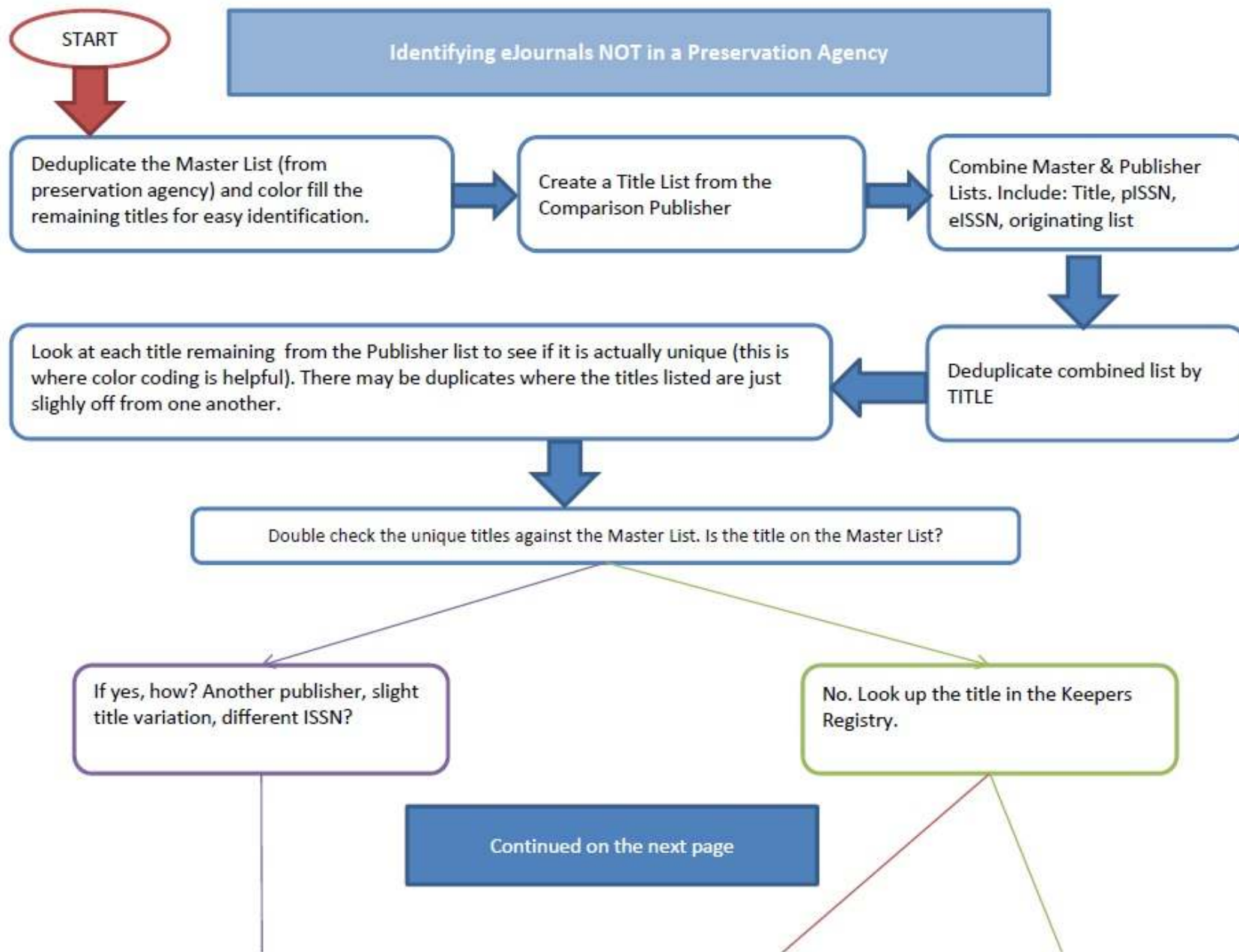
Aggregated content – “Third Party Content”



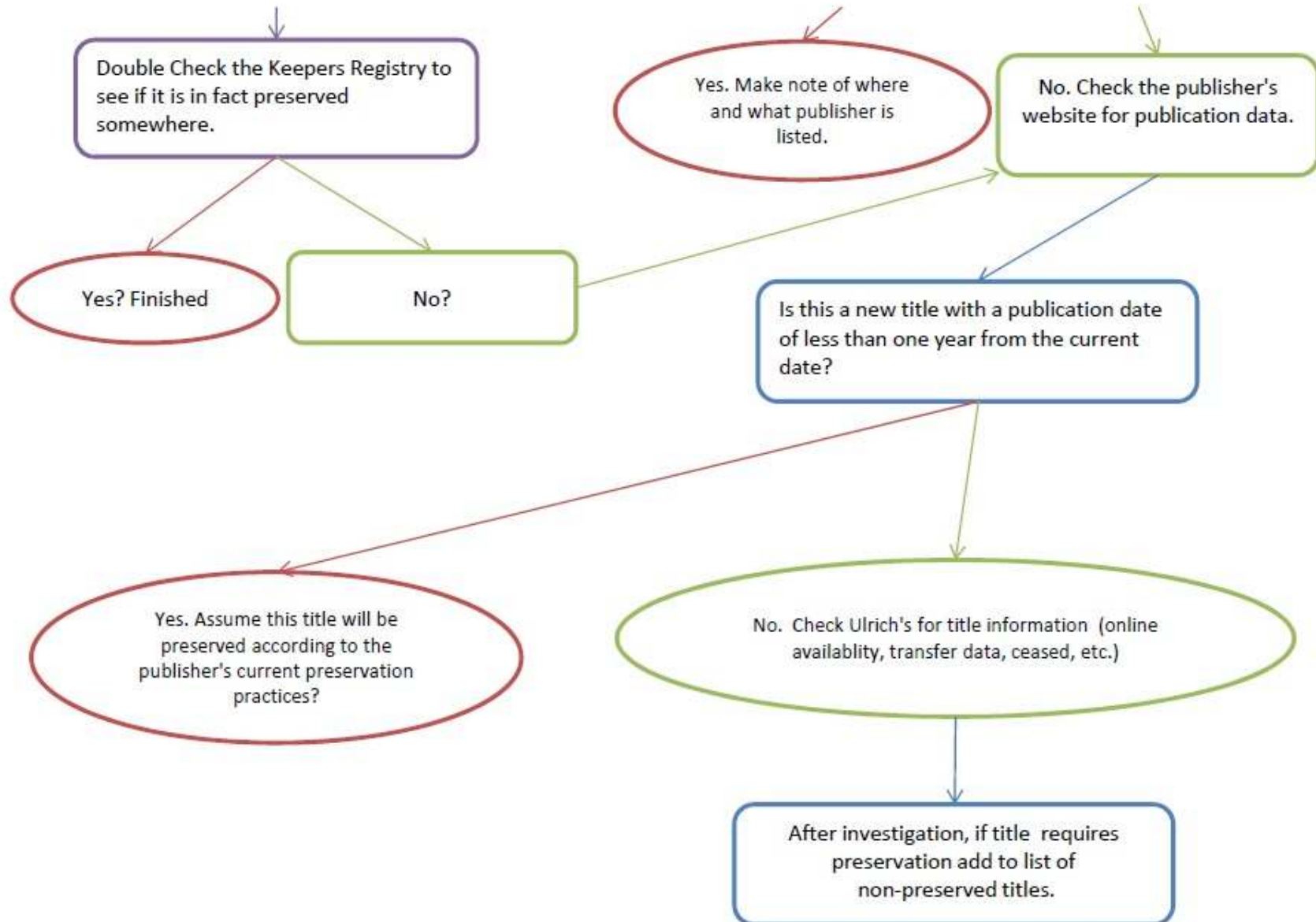
## Goal #1: What?



University generated content



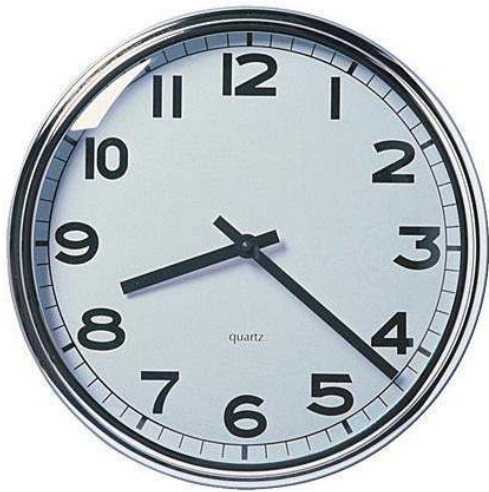
### Identifying eJournals NOT in a Preservation Agency



Goal #2:

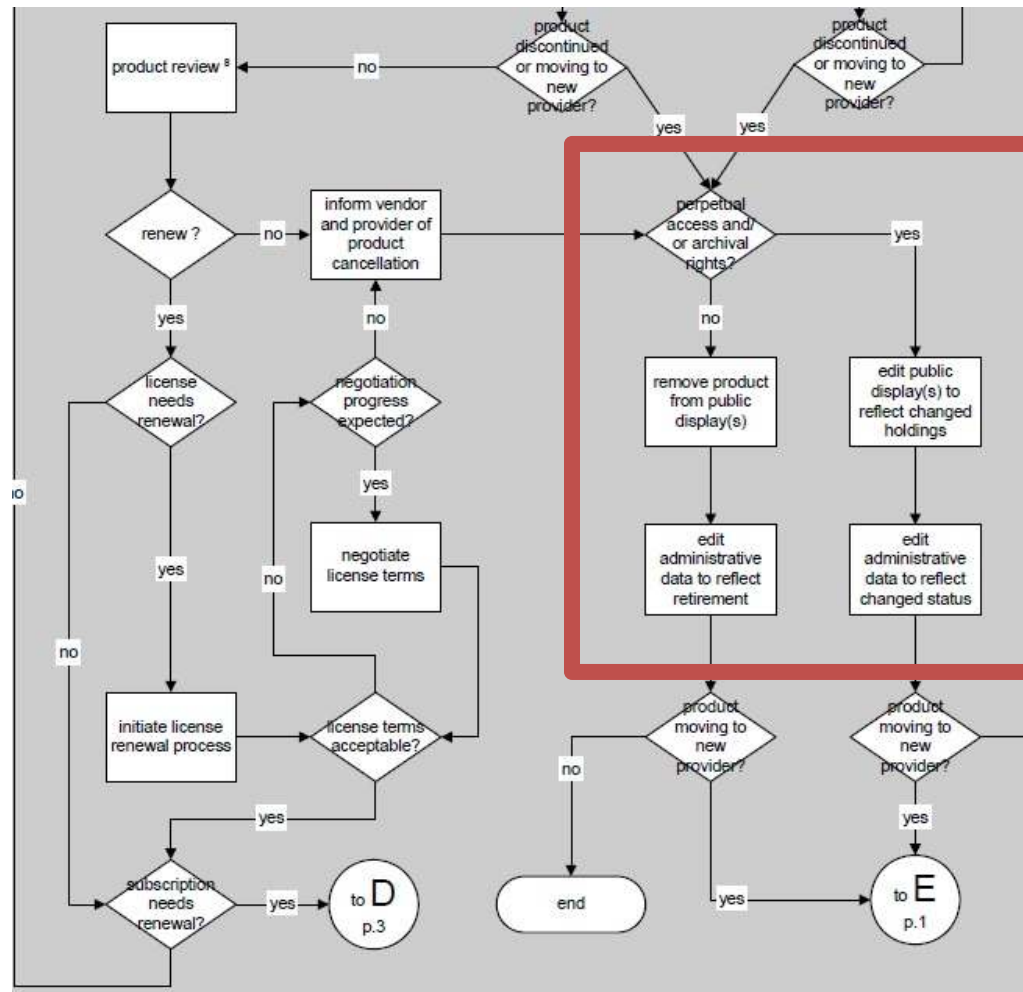
Why is it not preserved?

## Goal #2: Why not?



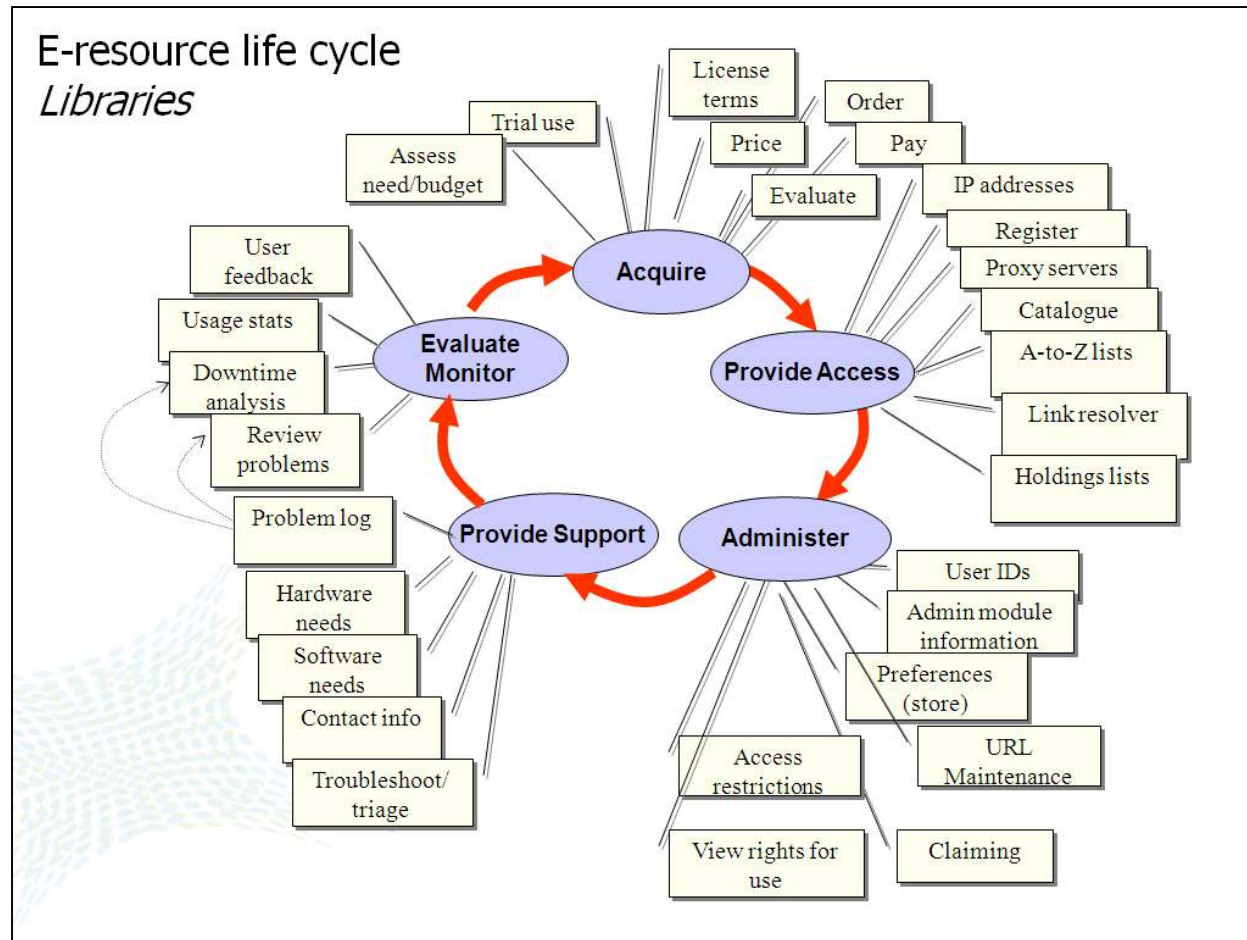


## Goal #2: Why not?



DLF ERM Initiative, 2004: <http://old.diglib.org/pubs/dlf102/dlf102.htm>

## Goal #2: Why not?



Goal #2: Why not?



# Examples



THE JOURNAL OF  
PHILOSOPHY



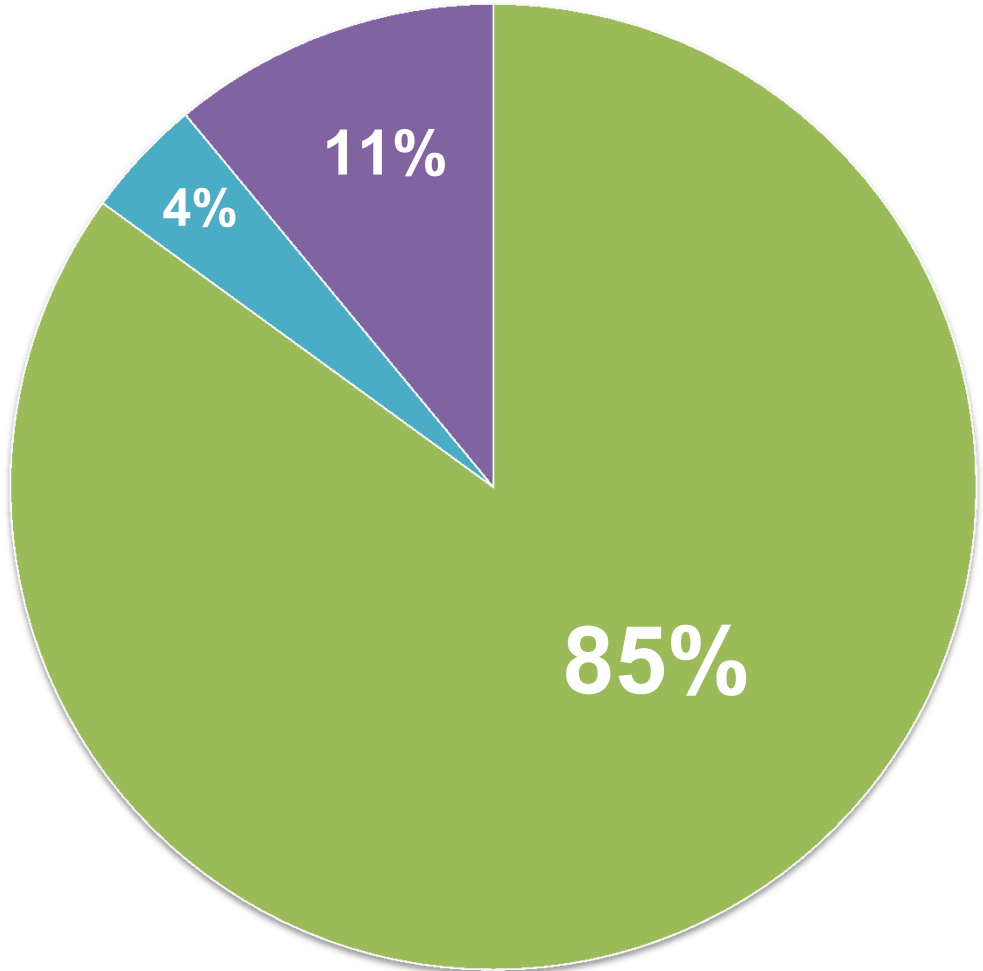


**ELSEVIER**

Major Publishers



# Breakdown



- Abstracts, Newsletters, Continuing Education (Not Preserved)
- Recently Added to Portico
- Mysterious



Open Access

Web Archiving





## Coal Combustion and Gasification Products

*A Journal collaboratively published by the University of Kentucky Center for Applied Energy Research and the American Coal Ash Association*

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*Coal Combustion and Gasification Products* is a unique peer-reviewed journal designed specifically to communicate coal ash research and emerging new technologies. CCGP is a joint venture between the [University of Kentucky Center for Applied Energy Research \(UK CAER\)](#) and the [American Coal Ash Association \(ACAA\)](#). The organizations' primary goal is to bring together research that currently is published in disparate sources.

CCGP is an international on-line journal encompassing the science and technology of the production, sustainable utilization, and environmentally-sound handling of the byproducts of coal combustion and gasification. This includes fly ash, bottom ash, boiler slag, gasification residue, and byproducts from coal-fuel blends, flue-gas desulfurization products, and related materials.



### CCGP JOURNAL - VOLUME 7 (2015)

- [Recycling of Lignite Coal Fly Ash by its Conversion into Zeolites](#) - Authors: Silviya Boycheva, Denitza Zgureva, Annie Shoumkova (pp1-8)

### CCGP JOURNAL - VOLUME 6 (2014)

- [Experimental and Modelling Evaluation of Slagging Behaviour of German Lignite](#) - Authors: Martin Kaiser, Alexander Ilyushechkin (pp1-6)
- [Fly Ash as a Potential Scrubber of Acidic Wastes from the Phosphate Industries in Israel](#) - Authors: Roy Nir Lieberman, Eli Lederman, Ithamar Pelly, Haim Cohen (pp7-15)

<http://www.coalccgp-journal.org/>

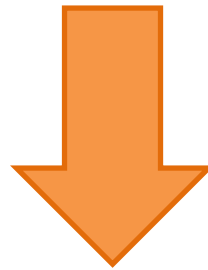


## Aggregators

## Frequently Asked Questions:

1. Why would I want an external group to preserve my journal?
2. Will this make my journal open access?
3. How will preservation affect the number of current subscriptions to my journal?

THE JOURNAL OF  
PHILOSOPHY



Transfer Titles





	A	B	C	D	E	F	G	H
	Publisher	Title	ISSN	eISSN	Source	Pre-2011 Title?	Ceased post-2011?	Current Title at De Gruyter?
0	Berkeley Electronic Press (through 2011)	Asian Journal of Comparative Law	N/A	1932-0205	Portico	Yes	No	Yes
1	From DG in SerSol: Berkeley Electronic Press	ASIAN JOURNAL OF COMPARATIVE LAW	1932-0205		SerSel DB NERL ResearchNow List	Yes	No	Yes
2	Berkeley Electronic Press	Asian Journal of Law and Economics		2154-4611	CLOCKSS	Yes	No	Yes
3	Berkeley Electronic Press	Asian Journal of Law and Economics		2154-4611	LOCKSS	Yes	No	Yes
4	From DG in SerSol: Berkeley Electronic Press	Asian Journal of Law and Economics	2154-4611		SerSel DB NERL ResearchNow List	Yes	No	Yes
5		Asia-Pacific Journal of Risk and Insurance			Blog Post	Yes	No	Yes
6	Berkeley Electronic Press	Asia-Pacific Journal of Risk and Insurance	2153-3792		CAUL 2010 Price List ResearchNow	Yes	No	Yes
7	Berkeley Electronic Press	Asia-Pacific Journal of Risk and Insurance		2153-3792	CLOCKSS	Yes	No	Yes
8	Berkeley Electronic Press	Asia-Pacific Journal of Risk and Insurance		2153-3792	LOCKSS	Yes	No	Yes
9	Berkeley Electronic Press (through 2011)	Asia-Pacific Journal of Risk and Insurance	2153-3792	1793-2157	Portico	Yes	No	Yes
0	From DG in SerSol: Berkeley Electronic Press	Asia-Pacific Journal of Risk and Insurance	2153-3792		SerSel DB NERL ResearchNow List	Yes	No	Yes
1		B.E. Journal of Economic Analysis & Policy			Blog Post	Yes	No	Yes
2	Berkeley Electronic Press	B.E. Journal of Economic Analysis & Policy	1555-0494		CAUL 2010 Price List ResearchNow	Yes	No	Yes
3	Berkeley Electronic Press	B.E. Journal of Economic Analysis & Policy		1935-1682	CLOCKSS	Yes	No	Yes
4	De Gruyter	B.E. Journal of Economic Analysis & Policy	1935-1682		DG Website	Yes	No	Yes
5	Berkeley Electronic Press	B.E. Journal of Economic Analysis & Policy	1555-0494	1935-1682	LOCKSS	Yes	No	Yes
6	Berkeley Electronic Press (through 2011)	B.E. Journal of Economic Analysis & Policy	N/A	1935-1682	Portico	Yes	No	Yes
7	From DG in SerSol: Berkeley Electronic Press	B.E. Journal of Economic Analysis & Policy	1935-1682		SerSel DB NERL ResearchNow List	Yes	No	Yes



**Sept. 2011:**

Press release announces de Gruyter acquires bepress's ["67 journals"](#)

**2013-2014:** One title ceases, another becomes Open Access, two publish direct

**March 2015:**

Former bepress content post-2011 with de Gruyter deposited with Portico



**2013:** Four titles transfer to Wiley. Current volumes preserved

**2015:** [Three NASPA](#) titles transfer to Taylor & Francis

Goal #3:

How do we get it preserved?

## Goal #3: How? License Negotiation

### **NERL Model License:**

Authorized Uses: “Archival/Backup Copy. Licensors will provide Licensee with one (1) copy in a mutually-acceptable format (or grant permission to make one copy) of any Licensed Materials holdings that are sold to another publisher/provider or discontinued for any reason, to fulfill Licensee's rights under Section XI, "Perpetual License", of this Agreement.”

## Goal #3: How? License Negotiation

### **LIBLICENSE Model License:**

Authorized Uses: “Archival/Backup Copy. Licensors will provide Licensee with one (1) copy in a mutually-acceptable format (or grant permission to make one copy) of any Licensed Materials holdings that are sold to another publisher/provider or discontinued for any reason, to fulfill Licensee's rights under Section XI, "Perpetual License", of this Agreement.”

# Goal #3: How?

## License Negotiation



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  - Consortial Products
  - **OCUL Model Licenses**
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  - ACE
  - Ask A Librarian
  - Books
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  - ODESI
  - RACER
  - Research Management

## OCUL Model Licenses

The original OCUL model license was created in 2005. Our model licences are continually adapted and are provided for vendor reference.

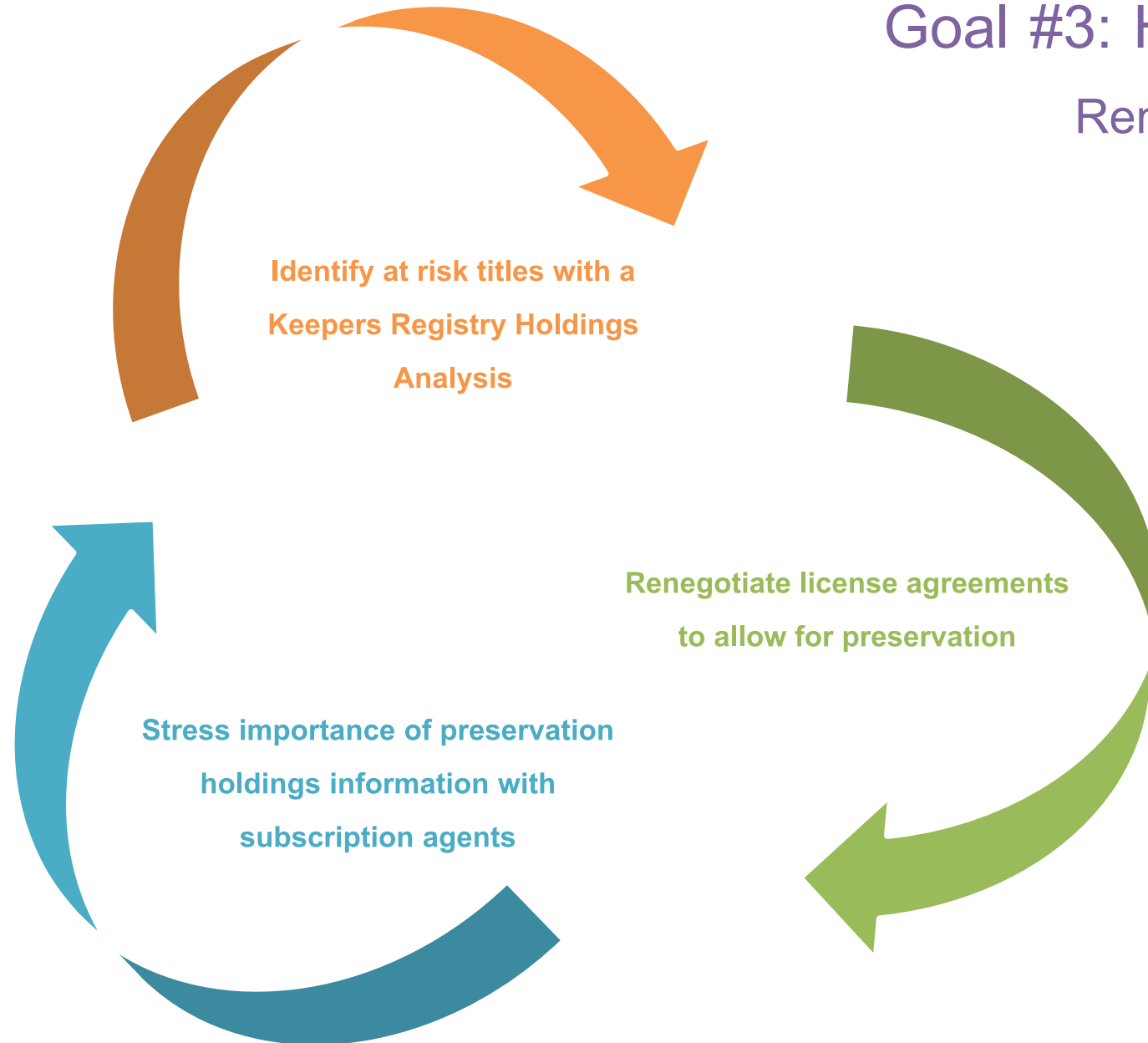
 [OCUL Electronic Books License](#)

 [Local Archiving and Hosting Agreement](#)

 [OCUL Electronic Journals and Databases License](#)

## Goal #3: How?

### Renewals





## Goal #3: How?

### Transfer Titles

? What are the preservation policies for the current and new publishers?

? How can I influence the new publisher to participate in preservation initiatives?

## Goal #3: How?

Funding



## Goal #3: How?

### Outreach

Make preservation a part of the conversation with:

Publishers

Vendors

Consortia

Institutional Repository Managers

Faculty

# Moving Forward: What's Next

- 
- Follow-up with publishers/agencies efforts to be more transparent

- Expand preservation initiatives to exclusion categories

- Explore the role of publishers and vendors in the preservation community

- More formally coordinate efforts to expand preservation

- Develop methods for publicly tracking internal preservation policies

- What is good enough?

# Questions?

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[http://www.nasig.org/site\\_page.cfm?pk\\_association\\_webpage\\_menu=310&pk\\_association\\_webpage=1225](http://www.nasig.org/site_page.cfm?pk_association_webpage_menu=310&pk_association_webpage=1225) (accessed May 12, 2015).

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