Technology and Publishing: The Work of Scholarship in the Age of its Digital Reproducibility

Open Library of Humanities

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Why do Academics Publish?

To be read. To be assessed.
Dissemination

- Dissemination of work
- Preservation of record
- Footnotes and scholarly genealogy (vs. science?)
- Labour of reading: reading-avoidance techniques
Assessment

Researchers are within a symbolic economy

$Salary

Publishers

Proxy for labour shortage

Assessment Paradigms

hefce

NATIONAL ENDOWMENT FOR THE HUMANITIES

JOB OPENINGS
The Symbolic Economy Maps onto the Real Economy

Libraries

Researchers

Publishers

Insufficient funding to provide all researchers with necessary material

Elsevier: $37bn profit with a revenue stream of $2.06 billion and a profit level of $780 million in 2012

Estimated by Research Information Network in 2008 that "the unpaid non-cash costs of peer review undertaken in the main by academics is £1.9bn globally each year."
Reading & Assessment in Conflict

- Drive to produce ever more work
- Hyper-inflationary price increases
- Libraries cannot afford to purchase
- Micro-monopolies
Socio-Legal Scarcity in the Digital Age

- “Our fine arts were developed, their types and uses were established, in times very different from the present, by men whose power of action upon things was insignificant in comparison with ours. But the amazing growth of our techniques, the adaptability and precision they have attained, the ideas and habits they are creating, make it a certainty that profound changes are impending in the ancient craft of the Beautiful. In all the arts there is a physical component which can no longer be considered or treated as it used to be, which cannot remain unaffected by our modern knowledge and power. For the last twenty years neither matter nor space nor time has been what it was from time immemorial. We must expect great innovations to transform the entire technique of the arts, thereby affecting artistic invention itself and perhaps even bringing about an amazing change in our very notion of art.”

- Paul Valéry, *Pièces sur L’Art*, 1931
“In principle a work of art has always been reproducible. Man-made artifacts could always be imitated by men. [...] Around 1900 technical reproduction had reached a standard that not only permitted it to reproduce all transmitted works of art and thus to cause the most profound change in their impact upon the public; it also had captured a place of its own among the artistic processes. [...] Even the most perfect reproduction of a work of art is lacking in one element: its presence in time and space, its unique existence at the place where it happens to be.”

Walter Benjamin, "The Work of Art in the Age of Mechanical Reproduction", 1936
Socio-Legal Scarcity in the Digital Age

- “The problem in each case is not that you stole from a specific person but that you undermined the artificial scarcities that allow the economy to function.”
- Jaron Lanier, You Are Not a Gadget, 2010
Three Problems

1. £
   Researcher Access

2. Public Access

3. Re-use
Researcher access

- See above!
Public access

- Increasingly educated populace
- Institutional missions to benefit society
- Or what is a university?
- The academy becomes irrelevant
- Especially the humanities
Restrictive Re-Use Rights

- Photocopying licenses
- Even for teaching
- Text mining/derivatives prohibited
- Inclusion in Wikipedia and other resources
- Community translation
Open Access

- Free to read.
- Free to reuse (with attribution).
- Gold/Green.
- Sciences/Humanities.
History of OA

- 1989: Richard Stallman drafts GPL
- 2002: First Creative Commons license
- 2002-2003: BBB Statements on OA
- 2003: First sub-institutional mandate
- 2003-2013: Exponential increase in green mandates

- Scientific drive but hums. present
- Informal histories of OA experiment
APCs Problematic for Humanities

[Bar chart showing APC costs for Institutions A, B, and C. Each institution has bars for different APC categories: APCs @ £1,500, APCs @ £1,000, APCs @ £800, APCs @ £500, and APCs @ £400. Costs range from £0.00 to £200,000.00.]
Monographs

- Monographs acknowledged as different
- e.g. HEFCE mandate
- Higher barriers to entry for new publishers
- Open source platform development in infancy
- Production toolchain likewise
- Different discoverability and value-conferral sites
BPCs Scale Badly

- 5,023 monographs in UK in 2013 by largest 4 publishers (source: Crossick)
- At a £5,050 BPC (UP price): £25,366,150
- At a £6,500 BPC (CUP price): £32,649,500
- At an £11,000 BPC (Palgrave price): £55,253,000
- UK spend on all books 2010/2011: ~£60,000,000 (source: SCONUL)
BPCs Scale Badly

Purchases vs BPCs

- SCONUL purchasing budget
- UP Price
- CUP Price
- Palgrave price

Volume groups:
- Top four UK publishers
- UK REF books

Cost:
- £0.00
- £10,000,000.00
- £20,000,000.00
- £30,000,000.00
- £40,000,000.00
- £50,000,000.00
- £60,000,000.00
- £70,000,000.00
Our Solution

Open Library of Humanities
Planning Since 2013
Support from Mellon
The Current Subscription Model

Current System

Library

$ x1000s

Large Sums

STOP
The LPS Model

Governance Roles

Library Partnership Subsidy

Library

$ x100s

Small Sums

www
In first year: 200 libraries supporting
18 Journals

Cost per institution per article: between $3 to $6.
Target of 300+ libraries by end of year three.
Project to Flip Journals

LingOA
Linguistics in Open Access