Gold Open Access is Changing Libraries

A Call to Action

26 Jan. 2016 | Wiley Library Advisory Board, Berlin
Dr. Bernhard Mittermaier, Forschungszentrum Jülich
Gold open access on the rise

Data as of 1 Jan. 2016
Gold open access on the rise

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Gold open access on the rise

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Log(percentage of OA publications in WoS)

Year of Publication

2013: 10%
2018: 25%
2023: 50%
2027: 100%

y = 0.0687x - 139.32
R² = 0.992

Member of the Helmholtz Association
Gold open access – Turbo-powered in future?

Offsetting contracts

- IOP: Austria, UK
- Springer: The Netherlands, Max Planck Gesellschaft
- Elsevier: The Netherlands (not fully finalized)
- Wiley: UK, The Netherlands (work in progress)

MPG project for global transformation

- MPDL White Paper
Financial flows: Who pays?

“It's authors who publish, and authors who pay to publish (if they wish, or must). Author payment is not a subscription matter, not a library matter, and not a library aggregator matter.”

Stevan Harnad, Université du Québec à Montréal & University of Southampton
http://listserv.crl.edu/wa.exe?A2=LIBLICENSE-L;f530d4fc.1307
Financial flows: Who pays?

a) Science
- Publication as part of research work
- Price sensitivity of authors

b) Library
- Rationalization
- Ability to negotiate prices
- Securing the existence of libraries
## Processing publication charges

<table>
<thead>
<tr>
<th>Licensed E-journals</th>
<th>Publishers</th>
<th>Suppliers</th>
<th>Invoices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct</td>
<td>13</td>
<td>13</td>
<td>14</td>
</tr>
<tr>
<td>Agency</td>
<td>40</td>
<td>8</td>
<td>48</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>53</strong></td>
<td><strong>21</strong></td>
<td><strong>62</strong></td>
</tr>
</tbody>
</table>

**Invoice items** 294

2000 journal articles per annum
Processing publication charges

- Cumulative invoices or deposit
- Standardized, machine-readable, electronic invoices & data provision:
  - bibliographic data
  - business data
Level of publication charges

- Who keeps an eye on developments?
- Who negotiates with publishers?
- Who decides on upper limits if necessary?
- How can price sensitivity be increased among authors?
Journal management

- What journals will be catalogued in future?
- How will access be organized?
- How will usage be measured?
- How will long-term availability be guaranteed?

Definition “relevant journal”

- Subscription charges paid
- Authors publish in it (at least APCs paid)
- Authors cite it (potentially)
Library personnel

- Need for further training?
- Or for job cuts?
Library personnel

Development over time of document delivery (schematic)

Provision level document delivery

Year

1995 2005 2015 2025 2035 2045

100 150 200 250 300

1995 2005 2015 2025 2035 2045

minimum increasing cancellations big deal increasing need for information gold open access
Call to action

“As soon as the Gold OA shock hits, academic libraries must be ready to engage publishers as competitors. When site licenses disappear, there is no more journal-collection development, and digital lending of journals disappears as a core service.”

Eric Van de Velde, Technology Consultant

http://scitechsociety.blogspot.co.uk/2013/08/the-empire-strikes-back.html
Outlook: Green Open Access

- Increasing demand by funding organisations and governments (up to 100% in coming years)
- Unattainable by author deposit
- Publisher should return final author manuscript with note of acceptance to all authors and institutions
- Publisher should notify of publication date, embargo period and DOI

http://scholarlycommunications.jiscinvolve.org/wp/files/2015/03/OA-compliance-how-publishers-can-help-20150325.docx
Outlook: Research data management

- **Horizon2020**: [Open Research Data Pilot](#)
- **DFG**: Project proposals must include details of whether and how subsequent use of research data will be made possible
- **BMBF**: Applicants are obliged to make data obtained during the course of the project available in distributable form after completion of the project if requested to do so
- **NIH**: Data sharing policy
Outlook: Research data management

- Preference for subject-specific repositories
- Institutional alternative must be provided
- Not purely an IT topic!