Open Access: models, strategies, costs

Open Access: Modelle, Strategien, Kosten


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Green Open Access

- Self-archiving in an institutional or subject repository
- Pre-, Postprint or Version of record (embargo)
- No cost for the authors

- Work published in an open access journal and is accessible on the journal’s website
  - Immediate OA (Version of record)
  - Publication fee has to be paid (APC)

- Work published in an open access journal and is accessible on the journal’s website
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- Work published in a subscription-based journal
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Hybrid Open Access

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Swiss publication landscape

- 31'000 articles per annum (CEPA)
- 16'500 corresponding authors (MPDL)

- Subscription costs: CHF 70 Mio. per annum (CEPA)
- APCs: CHF 6 Mio. per annum (CEPA)

Open Access strategies of Swiss partners

Minimum OA requirements of funders

**NIH (National Institutes of Health)**
Accepted manuscript in PubmedCentral upon acceptance, made publicly available no later than 12 months after publication

**FNS (Swiss National Science Foundation)**
Accepted manuscript no later than 6 months after publication

**STM**
STM: Accepted manuscript no later than 6 months after publication

Horizon2020 Open Access Policy: https://www.openaire.eu/open-access-in-horizon-2020
Swiss national Open Access strategy

Goal: “[…] by 2024, all scholarly publication activity in Switzerland should be OA, all scholarly publications funded by public money must be freely accessible on the internet. The OA landscape will consist of a mix of OA models.”

Advantages of Open Access:
> Higher visibility of research results
> Better knowledge transfer
> Higher research efficiency
> Improving conditions for collaboration
> First step to open science
> Economic benefits
> Accelerating scientific progress

Financial impact of OA models

Figure 1: Total annualised impact per models and uncertainty ranges for articles only

Publisher self-archiving embargoes

Fig. 4 Disciplinary differences in embargo length for green OA of accepted manuscripts

# Comparison of APCs

## Table 2: Comparison of APCs charged by types of journals providing OA.

<table>
<thead>
<tr>
<th>Year</th>
<th>OA journals—published by nonsubscription publishers (mean)</th>
<th>Full-OA journals—published by subscription publishers (mean)</th>
<th>Hybrid journals—published by subscription publishers (mean)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>£1,141</td>
<td>£1,154</td>
<td>£1,842</td>
</tr>
<tr>
<td>2011</td>
<td>£1,281</td>
<td>£1,148</td>
<td>£1,905</td>
</tr>
<tr>
<td>2012</td>
<td>£1,227</td>
<td>£1,121</td>
<td>£1,873</td>
</tr>
<tr>
<td>2013</td>
<td>£1,106</td>
<td>£1,152</td>
<td>£1,857</td>
</tr>
<tr>
<td>2014</td>
<td>£1,068</td>
<td>£1,216</td>
<td>£1,799</td>
</tr>
<tr>
<td>5-year mean</td>
<td>£1,136</td>
<td>£1,164</td>
<td>£1,849</td>
</tr>
</tbody>
</table>

Should authors publish in hybrid OA journals?

Pro
> Compliance with funder mandates
> Publishing in an established journal and profit from some of the advantages of open access

Contra
> High APC costs
> Double Dipping
> Not as good findability as Gold OA

Questions
> Who owns the copyrights for the article? Do you have to assign your copyrights to the publisher?
> Should I pay the APCs for a hybrid publication or is it sufficient to self-archive the post-print on a repository.
Thank you for your attention!