Recent Developments in Open Access

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The Green and Gold Roads

• **The Green Road**: researchers publish *where they like*, but also deposit their articles in a *repository*, making it open access (OA) as soon as possible.

• **The Gold Road**: researcher publish articles in an *open access journal*, whose publisher provides OA, and who may charge an author-side fee to cover costs.
NH&MRC in Australia

• Announced a mandatory deposit policy
• Effective from 1 July 2012 to all publications arising from NH&MRC grants
• Metadata and deposit at time of publication in institutional repository
• Make OA asap, but no later than 1 year
• Reason: public pressure, public money
ARC in Australia

• Announced policy similar to NH&MRC
• Applies to new grants after 1 January 2013
• Makes clear that either the Accepted Manuscript or the Version of Record is acceptable
• Gold publishing is OK too
• Introduced following NH&MRC, as a result of pressure, and for consistency
Analysis

• **Both** Australia’s research councils have endorsed open access
• The institution and the **principal investigator** are responsible for ensuring compliance
• Consequences of non-compliance are not stated. Hopefully they imply disbarring...
• **A strong message** sent to universities. Are they listening?
United Kingdom – Finch Report

• Dame Janet Finch chairs committee
• Establishment and publisher biassed
• Report requires all UK publications funded by RCUK to be in open access journals (Gold Road), or hybrid OA options in traditional journals
• In rare cases there is an opt-out facility
• Assumed that articles are funded by author-side fees (APCs = Author Publishing Charges)
• Assumed that extra funding will be short-lived
RCUK response to Finch

• RCUK initially endorses Finch Report
• Storm of protests follow
• Noted that UK produces 6% world research
• Analysis suggests therefore very long transition time for high costs
• Finch proponents perform badly in debate, newspapers, etc
• Exceptions keep on cropping up
Growth in Gold OA journals

Gold journals as % of total (50,000)
Lords Sci & Tech Committee

• Lord Krebs chairs *Sci & Tech Committee*
• Examines evidence for Finch findings
• Unimpressed committee
• Calls for evidence that other countries will adopt
• Requires regular review and monitoring (2 yrs)
• Suggests reversion to previous model (*Green Road*) as well
Current situation

- RCUK has issued revised guidelines which are much more acceptable
- Any form of OA is accepted (Green, Gold)
- Potential OA embargoes remain long, and are an issue of concern
- Policies are seen as still pandering to publisher super-profits and poor outcomes
- RCUK now somewhat resembles ARC policy
European Union

• The EU is very active in OA, with EU-wide commissions and over-arching policies
• Individual countries have own projects, such as France, Netherlands
• CERN is dedicated to open access
• Europe really started the interest in open access!
Germany

- Bill to amend copyright law
- Provide for ‘secondary publication’ aka OA
- Researchers would be entitled to deposit articles regardless of whether they have signed restrictive copyright agreements or not
- Not yet passed through Bundestag
The US moves swiftly

- Democrats and Republicans agree and introduce a bill ‘Fair Access to Science and Technology Research Act (FASTR)’ in both Congress and the Senate on 14 Feb 2013.

- FASTR extends the NIH model to apply to all agencies spending more than $100M on ‘extramural research’.

- All funded research outputs must be made ‘free online public access’ within six months.
The President joins in

- Obama joined in on 22 Feb (via his Science Advisor) to direct the heads of agencies to develop open access plans within six months.
- More agencies are covered, as the definition of research is broadened to ‘R&D’.
- Maximum embargoes are capped at twelve months.
- This is action, not just a Bill.
Analysis

• Although different in detail, both actions are in the same direction.
• The USA is now committed to open access.
• The FASTR Bill is supported by both Houses and both parties. It is likely to pass, though the US legislature is never certain.
• The Obama directive takes effect immediately.
• The USA switching in this way is a BIG SIGNAL.
How?

• The only model described and required is that of deposit in a repository (the **Green Road**).
• Publication in OA journals (the **Gold Road**) is mentioned but not required.
• Amendment of copyright law is ruled out. The OA will be achieved within existing law.
• FASTR requires metadata on publication and OA as soon as possible, the directive talks about a one year embargo as a guideline.
The “Titanium Road”

• I coined the term to distinguish it as the use of **social media** to achieve open access: lightweight, strong, and irresistible

• Examples are:
  – **Mendeley**
  – **ResearchGate**
### All Documents

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<th>Title</th>
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<td>A Framework for Scientific Data Mining in Hydro-Acoustic Data Sets</td>
<td>Bart Juelens, Ray Williams, Arthur Sale, Sandby Bay, Tim Pauly</td>
<td>View in Mendeley Desktop</td>
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<td>A new model for classifying DNA code inspired by neural networks and FSA</td>
<td>Byeong Kang, Andrei Kelarev, Arthur Sale, Ray Williams</td>
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Electronic Publishing

Discipline summary

The publication of content in digital form either for download or for online viewing. Content is either textual, graphic or in multimedia form (audio, video) included are articles, journals, books and apps (where they can be considered to be a "publication"). The topic also includes business models, ethics of e-publication, commercial and academic publishing.

Popular papers

The Semantic Web
A new form of Web content that is meaningful to computers will unleash a revolution of new possibilities.

Quick Start Guide
Quick Start Guide in Online (2009)
Citrullination is a post-translational modification that plays essential roles in both physiological processes and disease. Recent studies have found increased levels of citrullinated antithrombin in patients with rheumatoid arthritis and in...

A Principal Component Analysis of 39 Scientific Impact Measures
Background: The impact of scientific publications has traditionally been expressed in terms of citation counts. However, scientific activity has moved online over the past decade. To better capture scientific impact in the digital era, a variety of...

Popular tags

Active members

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Vicente Lillo Hidalgo
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90 contacts

Christian Gutknecht
Student (Master)
University of Bern, Library
37 contacts
Article: Open Access Mandates and the "Fair Dealing" Button
Arthur Sale, Marc Couture, Eloy Rodrigues, Leslie Carr, Stevan Harnad
[show abstract]
02/2010;

P. J. Uren, R. Mike Cameron-Jones, Arthur H. J. Sale

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Publications

**Views Last Week**

- **26** Total views

**Views by country**

- **1** Australia

**Views by institution**

- **1** University of Tasmania

**Publication Views**

- **1,060** Total publication views
- **69** Total full-text downloads
- **-** Total dataset downloads

**Top Publication Views**

1. Broadband Internet Access in Regional Australia.
2. Comparison of content policies for institutional repositories in Australia.
   First Monday. 01/2006, 11.
3. Open Access Mandates and the "Fair Dealing" Button
   02/2010;

**Google Referrals**
What is Australia doing?

- NH&MRC and ARC *funder mandates*
- Universities will be working to *comply*
- Institutional repositories will achieve more *importance*
- *Following*, not leading
- *Slipping* in university rankings
- *Wasting* publicly funded research impact
What Should Australia be doing?

- Each university should immediately introduce a *deposit mandate* along the lines of the common factors of the research councils’ mandates
- To apply to *all research published by their employees*
- *CSIRO Publishing should begin to transition to open access journals*
Questions

References, including URLs, can be found in the full paper available in the Proceedings and on http://eprints.utas.edu.au

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Let’s discuss....

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