Building a successful institutional repository: the case of RepositóriUM

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University of Minho facts and figures

- 44 years of age
- 2 main campi – Braga and Guimarães (Minho region)
- 12 schools/institutes
- 19,000 students
- 1,300 lecturers
- 900 non-academic staff
Schools and Institutes

- Architecture
- Arts and Humanities
- Economics and Management
- Education
- Engineering
- Law
- Medicine
- Nursing
- Psychology
- Sciences
- Social Science
- Biomaterials, Biodegradables and Biomimetics
University of Minho

An Open Access pioneer
RepositóriUM (2003)
Objectives of RepositóriUM (2003)

- Contribute to maximize the impact of UMinho research, increasing its visibility and accessibility;
- Preserve the intellectual memory of the institution;
- Facilitate research information management within the University.
Development strategy (2004)

- Advocacy and communication/marketing strategy
- Active participation in the international community related with Open Access and Repositories
- Development of value added services and functionalities for UMinho members
- Definition and implementation of Open Access institutional policy at UMinho

- Established by a Rectoral Document, in the first anniversary of RepositóriUM
- Following the signature of the Berlin Declaration in November 2004
- Implemented from January 1st 2005
Self-archiving incentive

- In 2005 the Rectory provided a financial supplement to departments and research centres, proportional to their compliancy to the policy of Open Access self-archiving in RepositóriUM.
Upgrade of UMinho OA policy (2010)
University of Minho

An Open Access pioneer
[2003-2010]

OA was integrated in the
University Action Plan
for 2009-2013
Upgrade of UMinho OA policy (2010)

Why?

- The number and percentage of UMinho research output archived was decreasing since 2007
- Open Access is seen as a relevant factor on the strategy of University of Minho
Self-Selected or Mandated, Open Access Increases Citation Impact for Higher Quality Research

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Abstract

Background: Articles whose authors have supplemented subscription-based access to the publisher’s version by self-archiving their own final draft to make it accessible free for all on the web (“Open Access”, OA) are cited significantly more than articles in the same journal and year that have not been made OA. Some have suggested that this “OA Advantage” may not be causal but just a self-selection bias, because authors preferentially make higher-quality articles OA. To test this we compared self-selective self-archiving with mandatory self-archiving for a sample of 27,197 articles published 2002–2006 in 1,984 journals.

Methodology/Principal Findings: The OA Advantage proved just as high for both. Logistic regression analysis showed that the advantage is independent of other correlates of citations (article age; journal impact factor; number of co-authors, references or pages; field; article type; or country) and highest for the most highly cited articles. The OA Advantage is real, independent and causal, but skewed. Its size is indeed correlated with quality, just as citations themselves are (the top 20% of articles receive about 80% of all citations).

Conclusions/Significance: The OA advantage is greater for the more citable articles, not because of a quality bias from authors self-selecting what to make OA, but because of a quality advantage, from users self-selecting what to use and cite, freed by OA from the constraints of selective accessibility to subscribers only. It is hoped that these findings will help motivate the adoption of OA self-archiving mandates by universities, research institutions and research funders.
Upgrade of UMinho OA policy (2010)

Why?

- The number and percentage of UMinho research output archived was decreasing since 2007
- Open Access is seen as a relevant factor on the strategy of University of Minho
- To continue and improve the UMinho Open Access experience, maintaining UMinho has an OA frontline institution;
UMinho upgraded policy (RT-98/2010)

Minho University requires:

All academic staff to mandatory deposit into RepositóriUM a copy of all peer reviewed publications dated after January 2011;

From January 2011, all official publication lists or reports, from individual researchers and research units, submitted internally at UMinho, must contain a link to the version archived at RepositóriUM
Recent developments

- Integration with reference databases...
Recent developments

- Facilitated deposits through the UMinho Intranet!
Recent developments

- Integration with UMinho staff evaluation system
Recent developments

- New “way” to monitor the UMinho Policy…
Number of documents
UMinho Scientific Output in RepositóriUM

Percentage of UMinho’s WoS/Scopus publications available at RepositóriUM

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Document types

- Articles: 34%
- Communications: 5%
- Master Thesis: 6%
- Book chapters: 4%
- Book chapters: 5%
- Doctoral thesis: 32%
- Others: 19%
Access types

- Open Access: 79%
- Restricted Access: 18%
- Embargoed Access: 3%
Usage
Since 2003 more than 19,500,000!
Downloads origins in 2017
Concluding remarks & Lessons learnt

- Have a vision and a strategy
  - Get the support and commitment from University leadership
  - Support and “reward” researchers on their usage of the IR
  - Embed and interoperate IR with all the other information systems (internal and external)
  - Make the IR a truly institutional system and tool
  - Maintain focus on adding value to the institution and their members

- Learn and share with others…
A final word about COAR
Who is COAR?

• An international association founded in 2009

• Members & Partners: over 130 institutions from 43 countries in Africa, Asia, Australasia, Europe, North and South America
  • 3 Members from China: National Science Library, Chinese Academy of Sciences (NSL), Peking University Library, Xiamen University Libraries

Objectives:
• Strategic voice for repositories
• Interoperability and alignment across repositories and regional networks
• Capacity building
• Support the development of value added services
Executive Board
COAR’s Vision

A global knowledge commons based on a network of open access repositories
COAR publishes recommendations for next generation repositories

http://ngr.coar-repositories.org/
14 repository networks meeting in Hamburg – May 14 & 15
Thank you / 谢谢

https://repositorium.sdum.uminho.pt