

Open access: International perspective

Iryna Kuchma

EIFL Open Access Programme Manager

A panel discussion on Open Access, UCT
Research Week, 14 May 2014

www.eifl.net



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Technology enabled networking & collaboration

Over 35% of articles published in journals are based on international collaboration (compared with 25% 15 years ago)

Science is increasingly interdisciplinary


Novel communication technologies permit modes of interaction that exploit the collective intelligence of the scientific community

Opera W Polymath Project ... x

Web en.wikipedia.org/wiki/Polymath_Project

polymath project

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Polymath Project

From Wikipedia, the free encyclopedia

The **Polymath Project** is a collaboration among mathematicians to solve important and difficult **mathematical** problems by coordinating many mathematicians to communicate with each other on finding the best route to the solution. The project began in January 2009 on [Tim Gowers'](#) blog when he posted a problem and asked his readers to post partial ideas and partial progress toward a solution. This experiment resulted in a new answer to a difficult problem, and since then the Polymath Project has grown to describe a particular process of using an online collaboration to solve any math problem.

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- [External links](#)

“It felt like the difference between driving a car and pushing it” (Tim Gowers)

Open access (OA) is free,
immediate, online access to
the results of research,
coupled with the right to use
those results in new and
innovative ways

OA for researchers

increased visibility

usage

& impact for their work

new contacts & research partnerships

OA for research institutions

publicises University's research strengths

complete record of the research output in easily accessible form

new tools to manage University's impact

OA for publishers

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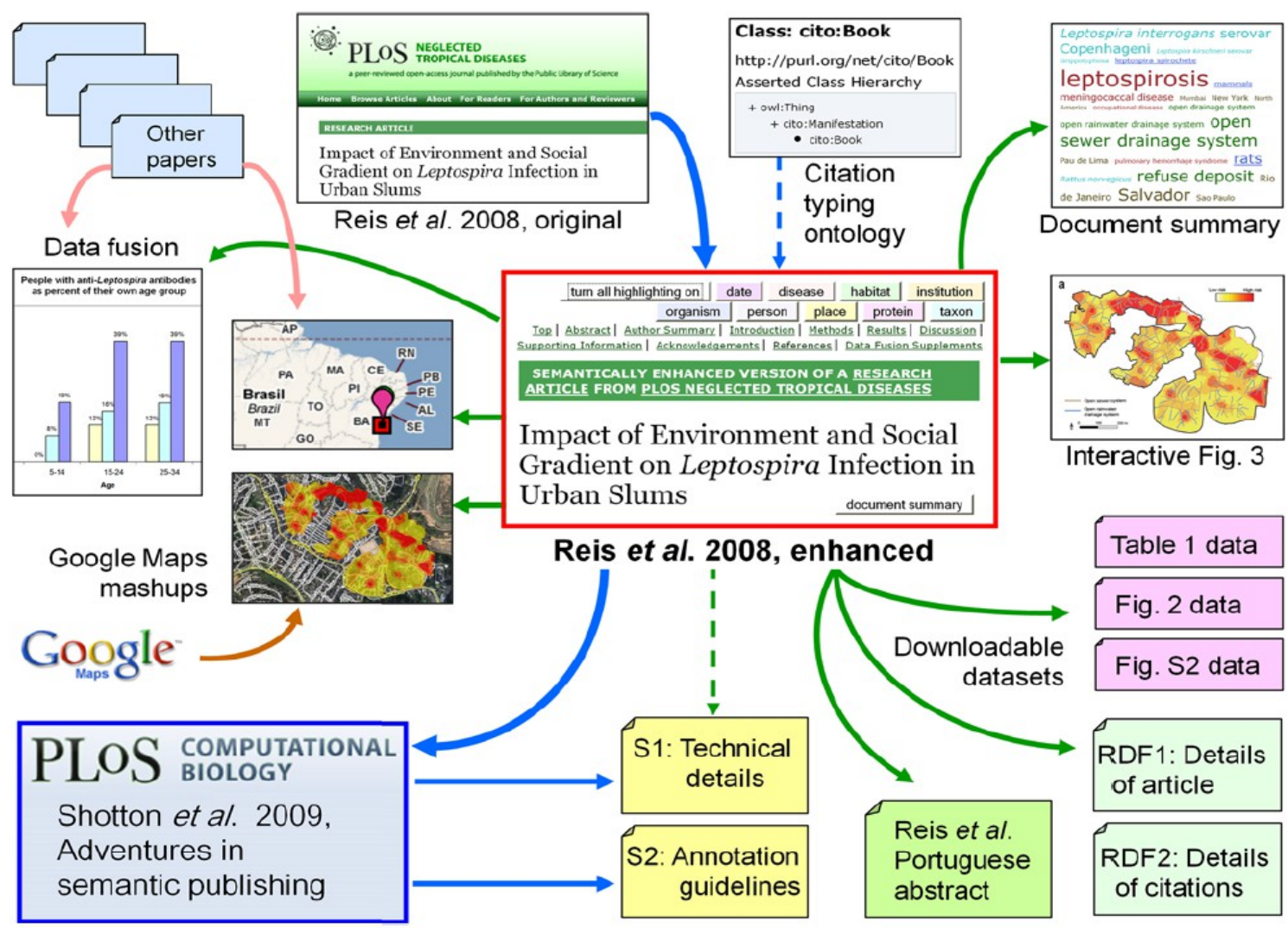


Figure 10. The ecosystem of published articles, documents, spreadsheets, data fusions, and machine-readable RDF data files resulting from our decision to apply semantic enhancements to the *PLoS NTDs* article by Reis et al. [12]. doi:10.1371/journal.pcbi.1000361.g010

PUBLICATION

WELFARE STATE EFFECTS ON SOCIAL CAPITAL AND INFORMAL... (2005) [Open access](#)**Research***Input*[European Value Studies](#) >**Persons***Author*[Halman, Dr. L.C.J.M.](#) >[Halman, L.C.J.M.](#) >[Oorschot, W.J.H. van](#) >[Arts, W.A.](#) >**Organisations***Repository*[Tilburg University](#) >

Title

Welfare state effects on social capital and informal solidarity in the European Union: evidence from the 1999/2000 European Values Study

Published in

Policy and Politics: Studies of local government and its services, Vol. 33, No. 1, p.33-54. ISSN 03055736.

Date

2005

Type

article

Publication

> <http://evs.uvt.nl/id/evs-uvt-nl:oai:evs.uvt.nl:3256420>Persistent Identifier> <urn:nbn:nl:ui:12-3256420>

Metadata

> [XML](#)**External Database Links****Concept: ethnocentrism**

Variable: V59: dont like as neighbours: muslims (Q7H)

Variable: V60: dont like as neighbours: immigrants/foreign workers (Q7I)

Variable: V64: dont like as neighbours: jews (Q7M)

Data*Cites*[European Values Study 199...](#) >[EVS'99/2000 : Release I -...](#) >**Publications***Cites*[Welfare States, Solidarit...](#) >[Three worlds of welfare c...](#) >[Who should get what, and ...](#) >[Individual motives for co...](#) >[Wij en zij in Europa: De ...](#) >*Cited by*[Making the difference in ...](#) >[Culture and social policy...](#) >[Multi-level determinants ...](#) >[The Impact of Social Capital](#) >

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- 2013-07-08 Video of the official launch of DOAB
- 2013-06-17 DOAB selected as 'Best Free Reference Web Site'
- 2013-05-21 Announcing the official launch of the Directory of Open Access Books

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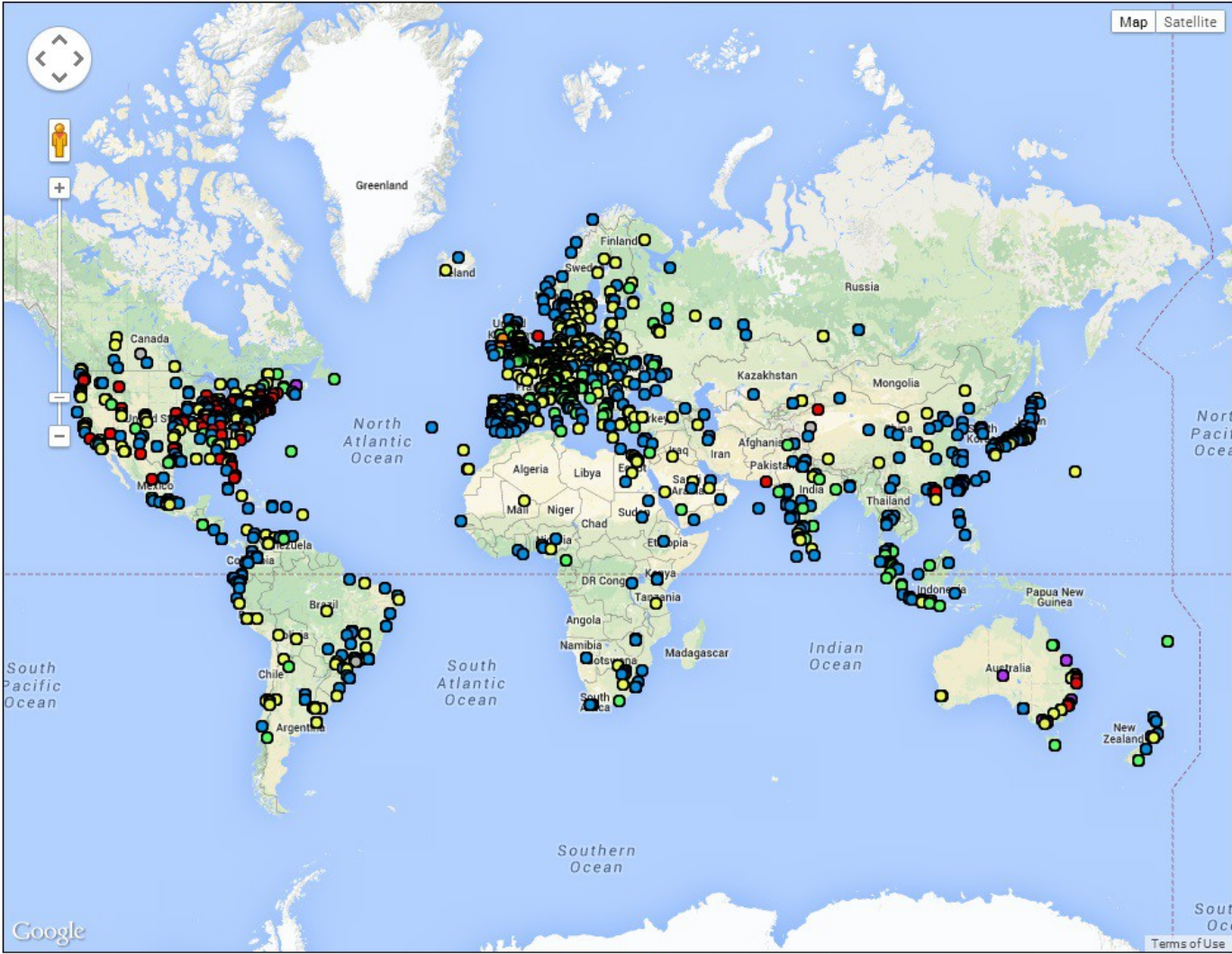
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- OPUS (26)
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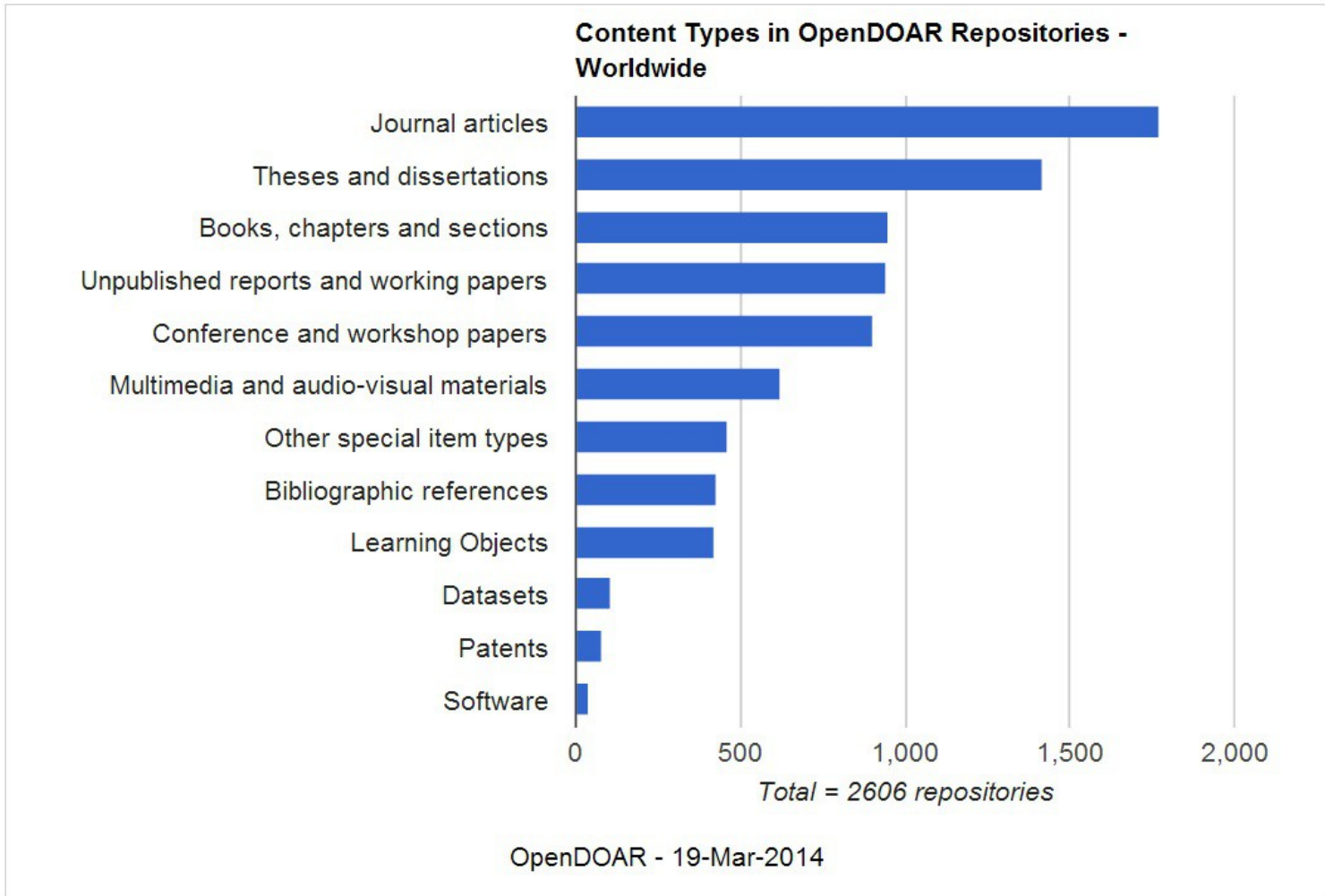


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- GUEST LOGIN



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FEATURED SCHOLAR



Professor Wong, AOL

• Professor

Research Interests:

- Neuroendocrine regulation and signal transduction of pituitary hormone secretion and gene expression

+ MORE

HUB NEWS

Feb 2014: Added course lists. >

Feb 2014: The Hub is No. 1 in Asia, according to [Webometrics](#). >

Jan 2014: Upgraded to DSpace 3.2 with [DSpace-CRIS](#). >

Sep 2013: [Sage Open](#). Pre-paid article processing charges for HKU authors! >

More

RELEVANT LINKS

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- [HKU Authors: Open Access Publishing](#)
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- [HKU research on Web of Science](#)
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HKU ResearcherPage: Wong, AOL

Profile

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Publications

- Articles (78)
- Conference Papers (59)
- Book Chapters (3)
- Others (1)

Missing Publications?

Networks of Collaboration

- Visualized
- Tabulated

External Relations

- Community Service
- Editorship
- Invited Lectures & Keynote Speeches

University Responsibilities

- HKU Committee Appointments
- Supervision of Research Postgraduate Students
- Teaching List, Current

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- Principal Investigator
- Co-Investigator

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- External Metrics
 - Monthly Increases
- Internal Metrics
 - Monthly Increases

Contact Information



Tel: 2299 0863

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Professor Wong, Anderson On Lam 黃安林

Title Professor

Dept: [School of Biological Sciences](#)

Faculty: [Faculty of Science](#)

Research Interests: (click to check for cognate researchers)

- [Neuroendocrine regulation and signal transduction of pituitary hormone secretion and gene expression](#)

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Also Cited As: Wong, OL
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ROARMAP: Registry of Open Access Repositories Mandatory Archiving Policies

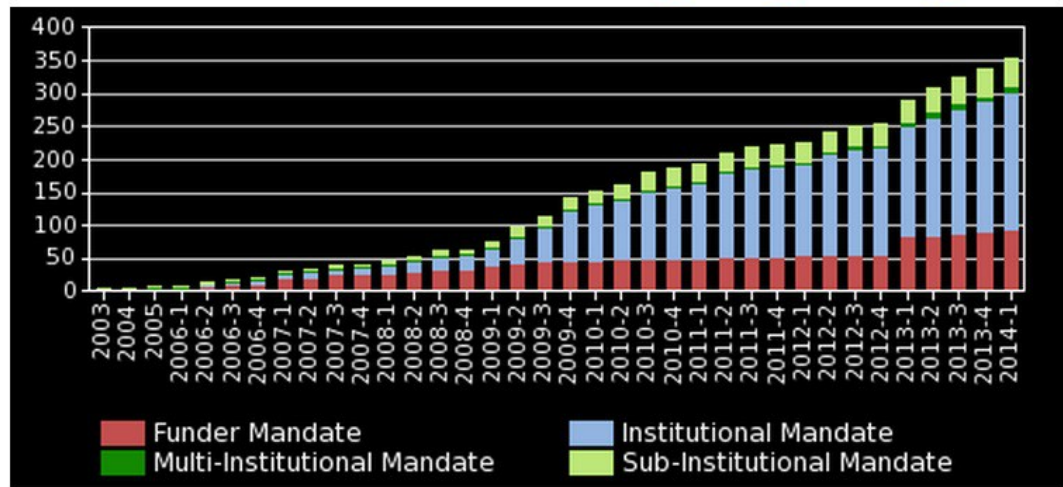
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to register your Institutional Open Access Mandate

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(For Open Educational Resources mandates please see [OER Policy Registry](#).)



Total Mandates to Date (by type)

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Proposed Institutional Mandates (7)

Sub-Institutional Mandates (44)

Proposed Sub-Institutional Mandates (4)

Multi-Institutional Mandates (9)

Proposed Multi-Institutional Mandates (5)

Funder Mandates (89)

Proposed Funder Mandates (11)

Thesis Mandates (110)

800+ scholarly societies
embrace OA

(Peter Suber & Caroline Sutton)

European Commission



A study funded by the European Commission (EC) suggests that OA is reaching the tipping point, with around **50% of scientific papers published in 2011 now available for free.**

http://europa.eu/rapid/press-release_IP-13-786_en.htm?locale=en

“The tipping point for OA (more than 50% of the papers available for free) has been reached in several countries, including Brazil, Croatia, Estonia, Lithuania, Macedonia, Switzerland, the Netherlands, the US, as well as in biomedical research, biology, and mathematics and statistics.”

Eric Archambault, Didier Amyot, Philippe Deschamps, Aurore Nicol, Lise Rebout & Guillaume Roberge: Proportion of Open Access Peer-Reviewed Papers at the European and World Levels—2004-2011 (August 2013)

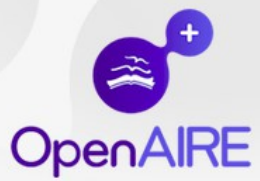
http://www.science-metrix.com/pdf/SM_EC_OA_Availability_2004-2011.pdf

OA policies: the majority of 48 major science funders considered both OA publications in journals & self-archiving in OA repositories.

More than 75% accepted embargo periods of between six to 12 months.

Eric Archambault, Didier Amyot, Philippe Deschamps, Aurore Nicol, Lise Rebout & Guillaume Roberge: Proportion of Open Access Peer-Reviewed Papers at the European and World Levels—2004-2011 (August 2013)

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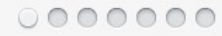
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8,349,207 publications and 611 datasets from 423 repositories and OA journals



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OA is now required by law in Argentina

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en 1:37 PM Iryna

Opera

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Es ley el acceso libre a la información científica

El Senado de la Nación aprobó por unanimidad la norma que obliga a las instituciones científicas del país a facilitar el acceso abierto a las investigaciones.

Etiquetas Ley Repositorios Digitales - Acceso abierto - Ceccatto -

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El Senado de la Nación aprobó esta tarde por unanimidad la Ley.

El Senado de la Nación aprobó esta tarde por unanimidad, la ley que establece que las instituciones del Sistema Nacional de Ciencia y Tecnología y que reciben financiamiento del Estado Nacional, deben crear repositorios digitales institucionales de acceso abierto y gratuito en los que se depositará la producción científico tecnológica nacional.

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Subsidian la creación y el fortalecimiento de repositorios digitales

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and in Peru

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en en 2:33 PM Iryna

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Comisión de Ciencia, Innovación y Tecnología

DICTAMEN RECAÍDO EN EL PROYECTO DE LEY
1188/2011-CR, LEY DEL REPOSITORIO NACIONAL
DIGITAL DE CIENCIA, TECNOLOGÍA E INNOVACIÓN DE
ACCESO ABIERTO.

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Establecer el marco normativo del Repositorio Nacional Digital de Ciencia, Tecnología e Innovación de Acceso Abierto.

Artículo 2. Definición de Repositorio Nacional Digital de Acceso Abierto



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 - ✓ Diagnóstico regional sobre iniciativas relacionadas con Bibliotecas y Repositorios Institucionales
 - ✓ Sitio Web de LAReferencia


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- TWITTER** 
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Swan, A.

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Measure	Result
Studies finding a positive Open Access citation advantage	27
Studies finding no Open Access citation advantage (or an OA citation disadvantage)	4

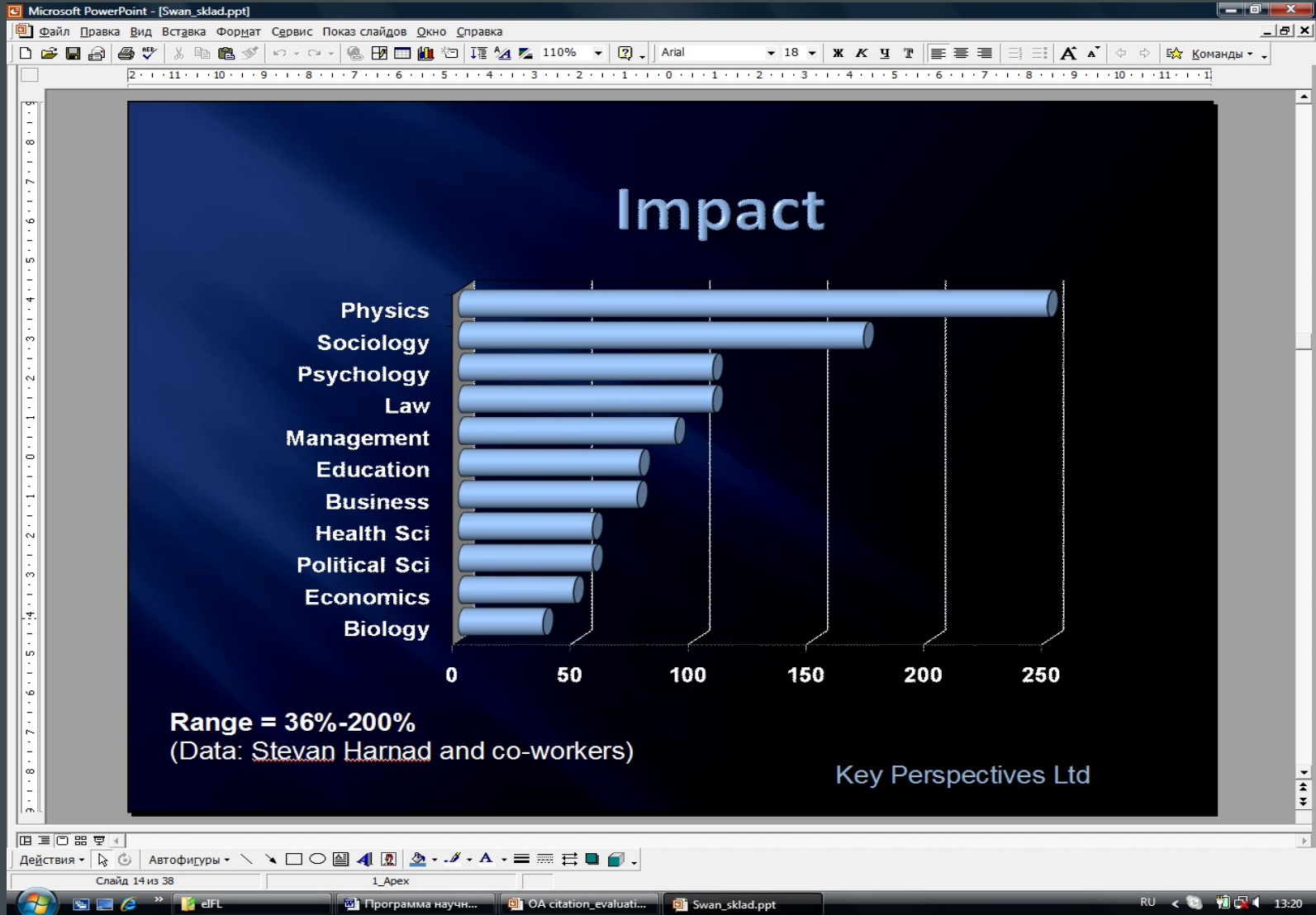
Size of OA citation advantage when found (and where explicitly stated by discipline)	% increase in citations with Open Access
Physics/astronomy	170 to 580
Mathematics	35 to 91
Biology	-5 to 36
Electrical engineering	51
Computer science	157
Political science	86
Philosophy	45
Medicine	300 to 450
Communications studies (IT)	200
Agricultural sciences	200 to 600

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EN 12:29

Swan, A.



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(2012) Boettiger, Temple Lang *Methods in Ecology and Evolution*

rfishbase: exploring, manipulating and visualizing FishBase data from R. [🔗](#)
(2012) Boettiger, Lang, Wainwright *Journal of Fish Biology*

Fluctuation domains in adaptive evolution [🔗](#)
(2010) Boettiger, Dushoff, Weitz *Theoretical Population Biology*

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“Michael Faraday’s advice to his junior colleague to: “Work. Finish. Publish.” needs to be revised. It shouldn’t be enough to publish a paper anymore. If we want open science to flourish, we should raise our expectations to: **“Work. Finish. Publish. Release.”** That is, your research shouldn’t be considered complete until the data and meta-data is put up on the web for other people to use, until the code is documented and released, and until the comments start coming in to your blog post announcing the paper. If our general expectations of what it means to complete a project are raised to this level, the scientific community will start doing these activities as a matter of course.”

(What, exactly, is Open Science? by Dan Gezelter:
<http://www.openscience.org/blog/?p=269>)

Sharing <http://xkcd.com/1228/>



Thank you
Questions?

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