

Mediterranean Open Access Network

Athens (via Skype) - 6 December 2012

“The Institutional Open Access Mandate at the Queensland University of Technology”

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Brisbane, Australia





**Kelvin Grove
campus**

Brisbane central business district

**Gardens Point
campus**



QUT has ...

6 x Faculties:

- QUT Business School
- Creative Industries
- Education
- Health
- Law
- Science and Engineering

2 x Research Institutes:

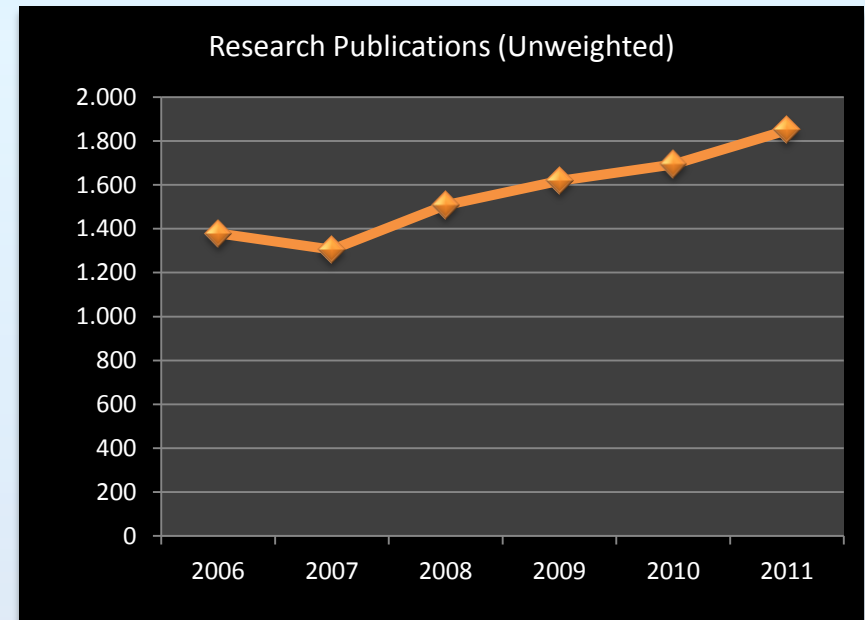
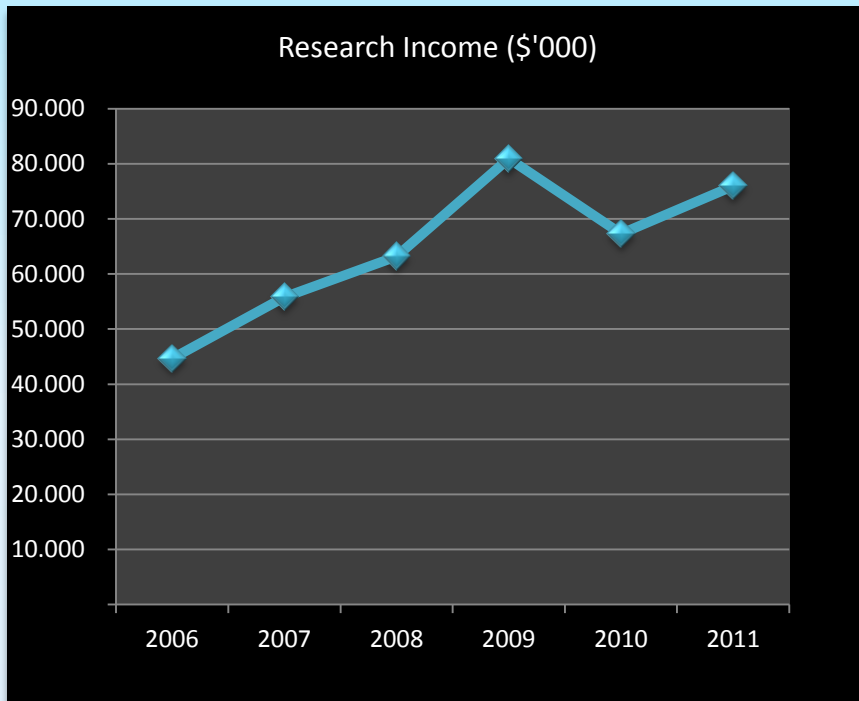
- Health and Biomedical Innovation
- Future Environments
 - *Sustainable Resources*
 - *Information Security*

QUT has ...

- **40,000 Students**
 - **6,800 International**
 - **100 Countries**
 - **2,150 Higher Degree by Research (HDR) Students**



Research Growth



Open Access - a Definition

“Open access is, simply, the idea that research articles should be freely, immediately and permanently available online to anyone, rather than locked away in subscription journals as many currently are.”

Zoe Corbyn, THES, 12 November 2009.

A compelling idea...

- **Costs of scholarly communication already high**
- **Inflation had no relation to CPI**
- **Further compounded for some nations which need to import most of the literature**

Open Access

- Origin and Inevitability of the Concept

- **The Technology Enablers – the net + application**
- **Economic Imperative - the input/output distortions of the scholarly publishing business (the issue of moral hazard)**
- **Researcher Motivation – the ceaseless quest for recognition and/or impact**

Open Access – Journey at QUT

- **Watching the debates since the 90s**
- **Exploring the need to act and aligning policy with researcher motivation**
- **Committee Process, [2003] (University Research Committee → University Academic Board)**

Institutional repository policy at QUT

QUT Queensland University of Technology
Brisbane Australia

a university for the **real** world[®]
Manual of Policies and Procedures

QUT Home Contact us Search

MOPP Home Protocol for MOPP Policy Recent Updates

F/1.3 QUT ePrints repository for research output

Chapters

- A - Governance/Organisation
- B - Human Resources
- C - Learning/Teaching
- D - Research/Development
- E - Student Administration
- F - Information Management**
- G - Financial Management
- H - Physical Facilities
- I - International/Community
- MOPP Appendices

MOPP Protocol
MOPP Updates

[\[Print-friendly version\]](#)

Contact Officer	Associate Director, Library Services (Information Resources and Research Support Services)
Approval Date	18/09/2009
Approval Authority	University Academic Board
Date of Next Review	01/09/2012

[1.3.1 Background](#)
[1.3.2 Policy](#)
[1.3.3 Roles and responsibilities](#)
[1.3.4 Reporting](#)
[1.3.5 Operational guidelines](#)
[Related Documents](#)
[Modification History](#)

1.3.1 Background

QUT staff and postgraduate students produce research and scholarly output as a contribution to their discipline and/or as part of scholarly discourse. A significant proportion of this is intended for publication for the general purpose of recognition and impact. The following policy applies to this process, only where such output is not intended for commercialisation or individual royalty payment or revenue for the author or QUT. In effect it applies to the corpus of refereed research literature, conference papers, selected creative works and other non-refereed output, including research data, as contributed by QUT to the outside world.

http://www.mopp.qut.edu.au/F/F_01_03.jsp

Institutional Repository Policy at QUT-1

1.3.2 Policy

Material which represents the total publicly available research and scholarly output of the University is to be located in the University's digital or " E print " repository, subject to the exclusions noted. In this way it contributes to a growing international corpus of refereed and other research literature available on open access, a process occurring in universities worldwide.

Institutional Repository Policy at QUT-2

1.3.2 Policy

- The following materials must be included in QUT ePrints:
 - Refereed research articles and conference papers (author's accepted manuscript) at the post-peer review stage

Institutional Repository Policy at QUT-2

- The following materials may be included in QUT ePrints:
 - Refereed research articles and conference papers (submitted manuscript) with corrigenda added following peer review if necessary
 - Un-refereed research literature & conference contributions, (the accepted draft)
 - Books and book chapters
 - Theses
 - Creative works with a research component
 - Descriptions of research data and datasets

Institutional Repository Policy at QUT-3

- **Materials to be commercialised, or which contain confidential material, or where the promulgation would infringe a legal commitment by the University and/or the author, will not be included in QUT ePrints.**
- **QUT's preference is to make materials available at the time of publication. Requests for embargos of more than twelve months must be referred to the Deputy Vice-Chancellor (Technology, Information and Learning Support).**

QUT's Institutional Repository

- QUT ePrints

- Established in 2003 <http://eprints.qut.edu.au>
- Focus is currently on providing open access to the 'postprint' versions of QUT's peer-reviewed scholarly publications

The screenshot shows the QUT ePrints website. At the top left is the QUT logo and text: "Queensland University of Technology Brisbane Australia". At the top right is the tagline "a university for the real world" and "QUT Digital Repository". Below this is a navigation bar with links: "QUT Home", "Digital Repository Home", "QUT ePrints Home", "Search", "Browse", "About", and "Login".

The main content area is titled "QUT ePrints". On the left is a sidebar with navigation options: "Search" (with sub-links for "Advanced", "QUT Theses", and "Affiliation"), "Browse" (with sub-links for "Person", "Subjects", and "Year"), "About" (with sub-links for "Contact us", "Copyright matters", and "Deposit Guide"), "Statistics" (with sub-link for "Repository Statistics"), and "QUT Users" (with sub-link for "Deposit items").

The main content area features a search box with the text "Search QUT ePrints" and a "Search QUT ePrints" button. Below the search box are links for "Advanced search" and "Recent Additions".

Below the search area is a section titled "Recently Deposited ePrint of the Day" featuring a link to a PhD thesis: "Wakimoto, Diana Kiyo (2012) [Queer community archives in California since 1950](#), PhD thesis, Queensland University of Technology."

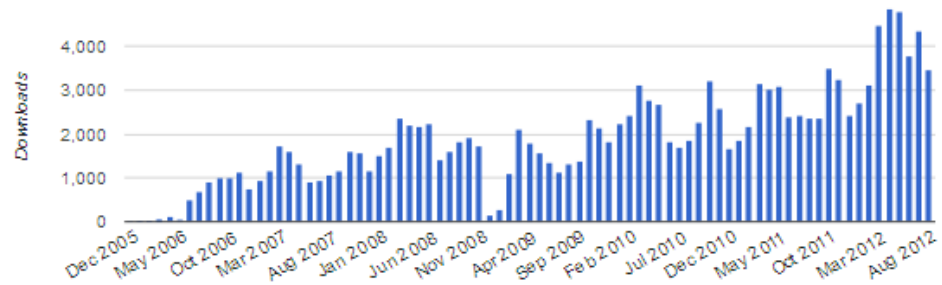
At the bottom, there is a section titled "QUT repositories are indexed by:" with logos for "Trove" (one search ... a wealth of information), "OAster" (Find the pearls), and "Google Scholar".

Motivating Researchers to Self-archive to the IR

- Usage statistics are available for each author.
- Data includes:
 - Cumulative downloads
 - Downloader location
 - 10 most popular works

Statistics Overview

Skitmore, Martin



Key Figures

Collection	Total Usage	Last 28 Days
232 Works	153,205 Downloads ?	4,151 Downloads
97.8% Full-text ?	99.0% External ?	
93.1% Open-access ?		

Top 10 Most Popular Works ?

Rank	Title	Downloads
1	Tran, Dan D. & Skitmore, Martin (2002) The impact of culture on international management: a survey of project communications in Singapore , <i>The Australian Journal of Construction Economics and Building</i> , 2(2), pp. 36-47.	6,906
	Private Action	5,480

Full Reports

Demographics

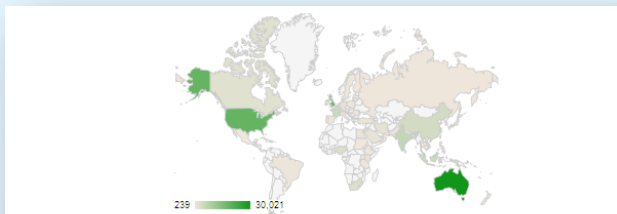
- [Downloader Geographic Location](#)
- [Downloader Network Domains](#)
- [QUT vs. External Downloads](#)

Usage

- [Downloads](#)

Most Popular

- [Most Popular Works](#)



Showing 1-20 of 60

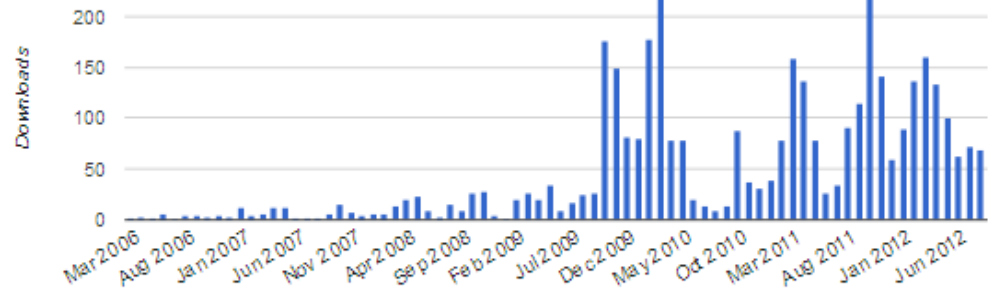
Country	Downloads
Australia	30,021
United Kingdom	19,361
United States	
Malaysia	
India	
France	
Indonesia	
China	
Hong Kong	
South Africa	

Motivating Researchers to Self-archive to the IR

- Usage statistics are also available at the individual item level including:
 - Total downloads
 - Citations
 - Downloader location
 - Most popular search terms

Statistics Overview

Binge-drinking: A test of the role of group norms in the Theory of Planned Behaviour



Key Figures

Details

Deposited **9 October 2007**

Total Usage

3,759 Downloads ?

1 Referrals to Published Version ?

Last 28 Days

82 Downloads

Most Popular Search Terms

Binge-drinking: A test of the role of group norms in the Theory of Planned Behaviour

Showing 1-20 of 1842

Term	Downloads
http://eprints.qut.edu.au/3808/1/3808.pdf	119
binge drinking	53
binge-drinking: a test of the role of group norms in the theory of planned behaviour	44
binge drinking in australia	40
binge drinking australia	39
theory of planned behaviour	35

Citations

Source	Times Cited
Scopus	96
Web of Science	80

Google Scholar™

[View full report](#)

Top 5 Geographic Location

Country	Downloads
United Kingdom	1,441
Australia	805
United States	672
Netherlands	103
Canada	95

[View full report](#)

Motivating Researchers to Self-archive to the IR

- Statistics 'dashboards' are also available at the organisational unit level.
- Reports available include:
 - Downloads
 - Monthly deposits
 - Downloader location
 - Most popular authors
 - Most popular works
- Some faculties and research centres provide incentives (rewards) based on this information



Motivating Researchers to Self-archive to the IR

The screenshot shows a Google search for "financing creative industries" with approximately 1,860,000 results. The search results are categorized by type: Web, Images, Maps, Videos, News, Shopping, and More. The top result is an advertisement for GE Money Personal Loans. Below the ad, there are three search results for QUT ePrints:

- Financing Creative Industries in Developing Country Contexts | QUT ePrints**
by SD Cunningham - 2004 - Cited by 4 - Related articles
11 Aug 2011 – Cunningham, Stuart D., Ryan, Mark David, Keane, Michael A., & Ordonez, Diego (2004) Financing Creative Industries in Developing Country ...
- Financing creative industries in developing countries | QUT ePrints**
by SD Cunningham - 2008 - Cited by 3 - Related articles
29 Feb 2012 – Cunningham, Stuart D., Ryan, Mark David, Keane, Michael A., & Ordonez, Diego (2008) Financing creative industries in developing countries.
- [PDF] Financing Creative Industries in Developing Country Contexts**
eprints.qut.edu.au/2504/01/2504a.pdf
File Format: PDF/Adobe Acrobat - Quick View

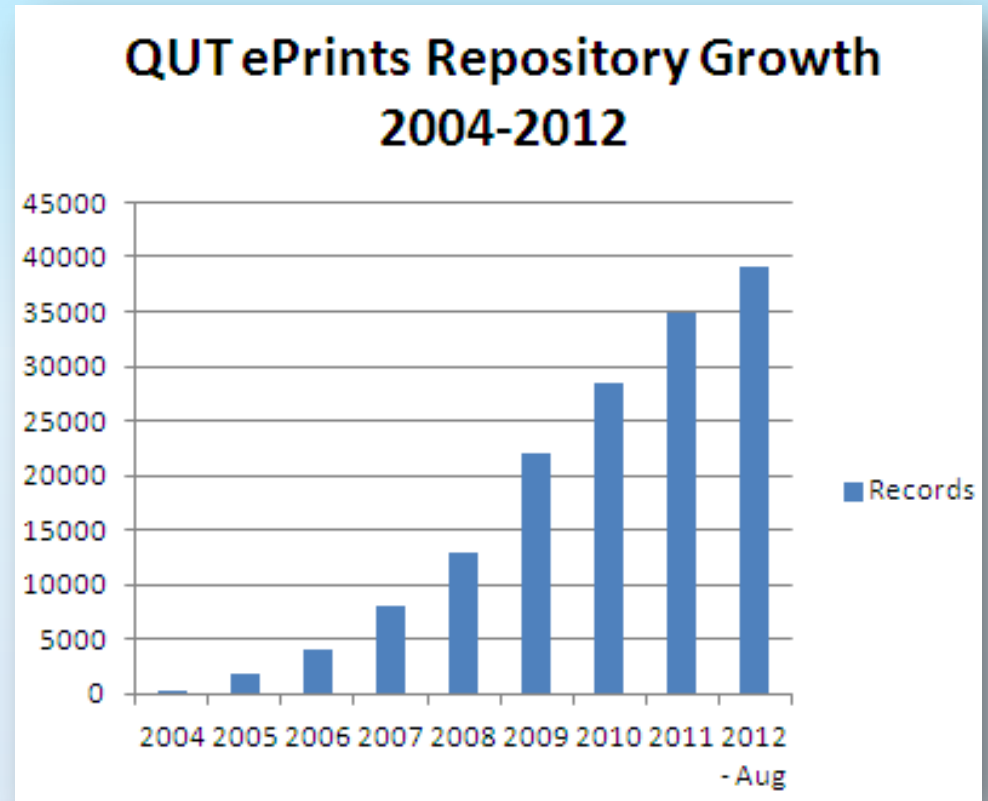
A red bracket highlights the first three search results, and a red arrow points to the first result. To the right, a preview of the QUT ePrint "Financing Creative Industries in Developing Country Contexts" is shown, including the title, author information, abstract, and a table of contents.

- The discoverability of repository records via Google is very persuasive.
- A search for information on financing creative industries returns over 1.8 million hits.
- Three papers in QUT ePrints are on the first page results.

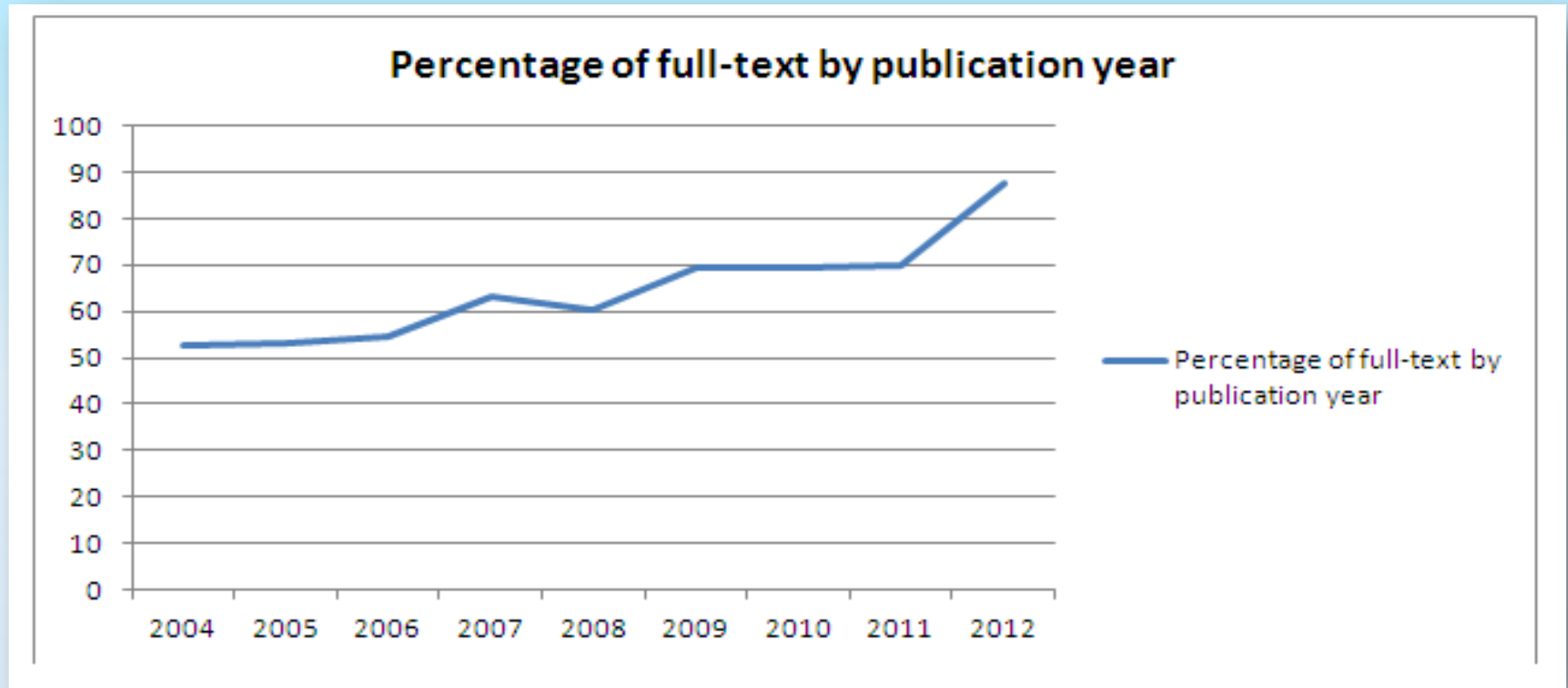
QUT ePrints - 8 years on.....

■ QUT ePrints

- 39,192 records (Aug 2012)
- 22,163 full-text (56.3%)
- 19,236 open access (48.8%)



QUT ePrints - 8 years on.....

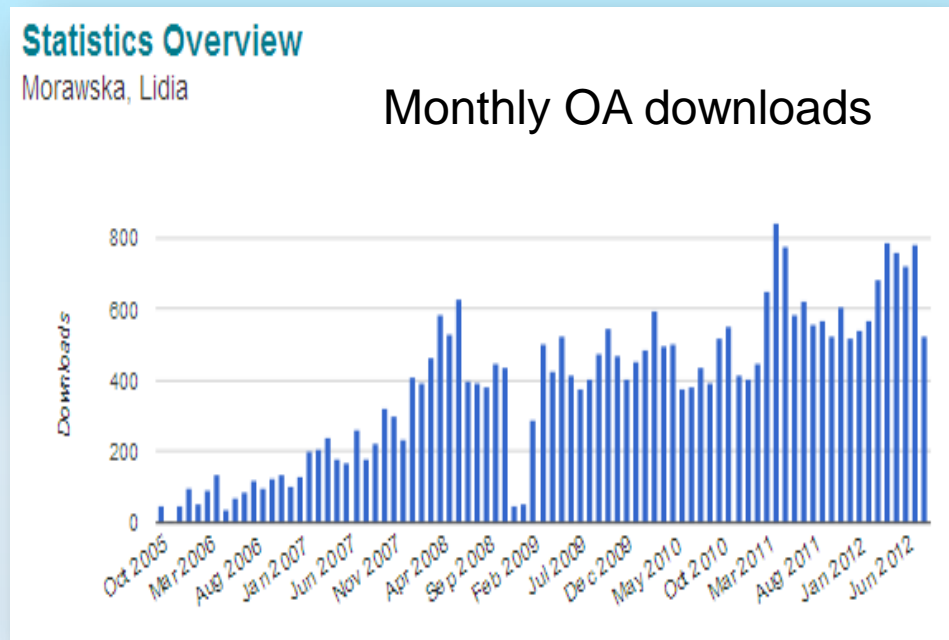
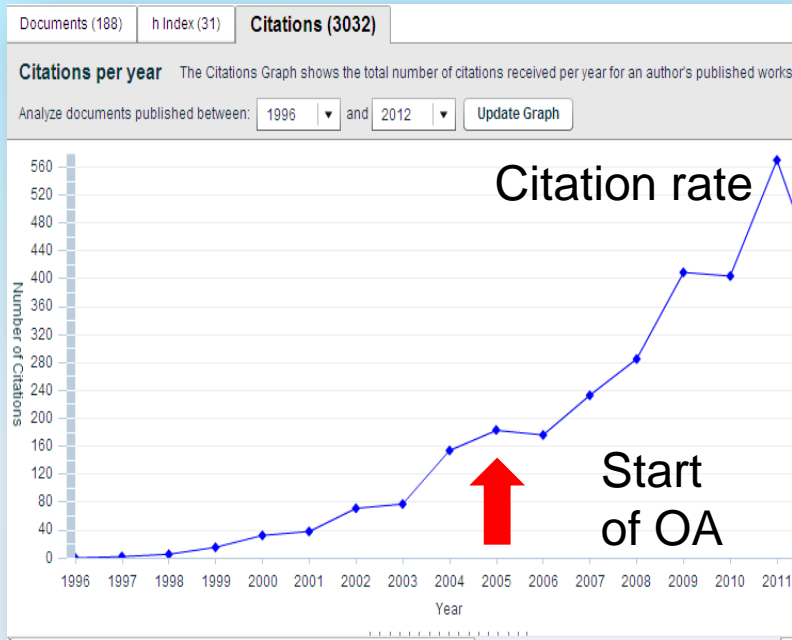


- The proportion of records with full-text attached is much higher for recently published works (87.4% of works published in 2012 have full-text attached).
- This is partly due to new staff uploading metadata-only records for their pre-QUT publications.

Global Developments

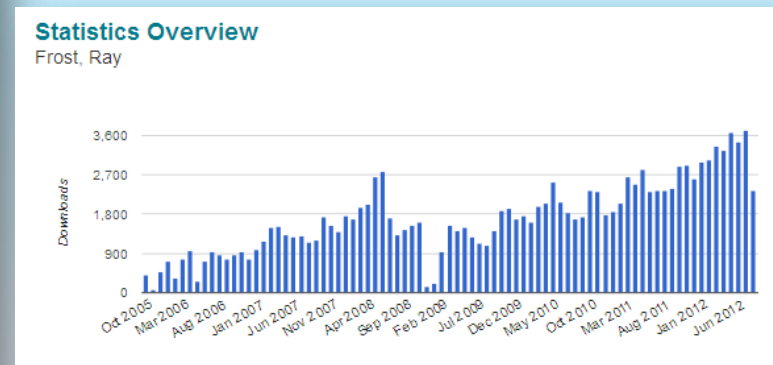
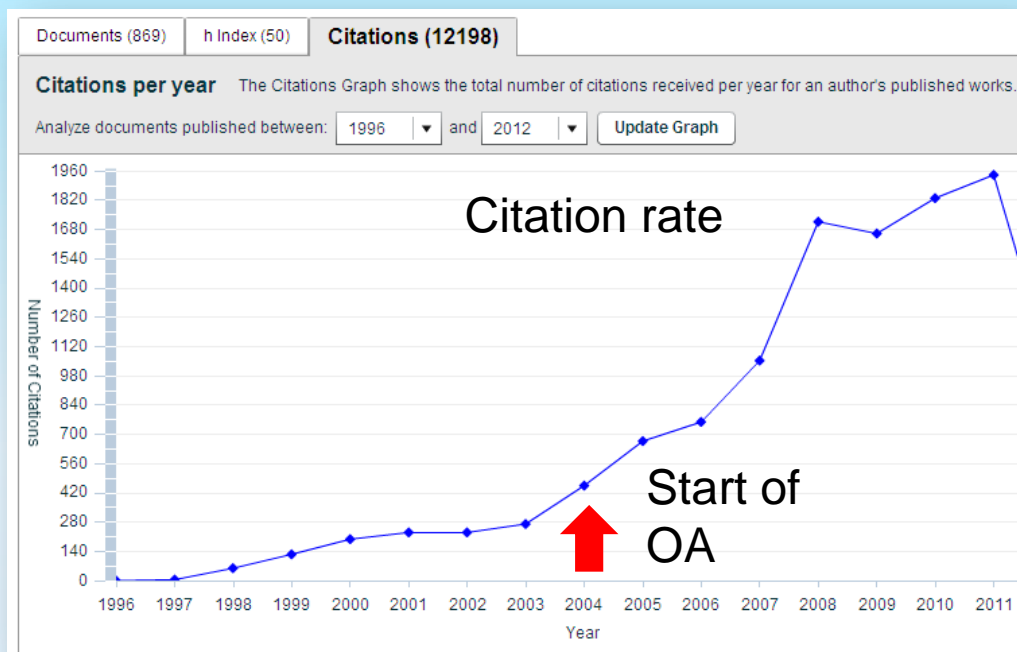
- **The rise of funder mandates**
- **The rise of institution mandates**
 - MIT
 - Harvard
 - Imperial College
 - Other universities in Australia
 - Many more

Citation Impact for a Mature Researcher (QUT)



- [Professor Lidia Morawska](#) (physics / environmental health) began uploading full-texts copies of her published articles in 2005
- The open access copies have been downloaded a total of 32,044 times;
- Her annual citation rate (as measured by Scopus) increased from 183 in 2005 to 570 in 2011

Citation Impact for a Mature Researcher (QUT)

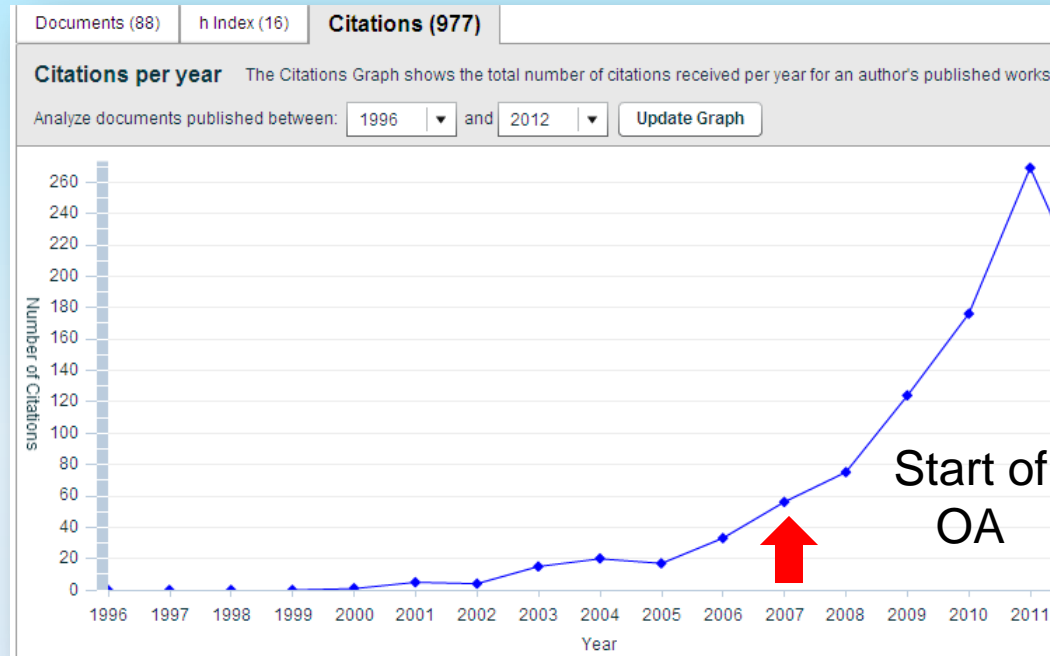


Monthly OA downloads

- Prof. Ray Frost (chemistry) began uploading full-text copies of his published articles in 2004;
- The open access copies have been downloaded a total of 142,030 times;
- His annual citation rate (as measured by Scopus) increased from 455 in 2004 to 1941 in 2011.

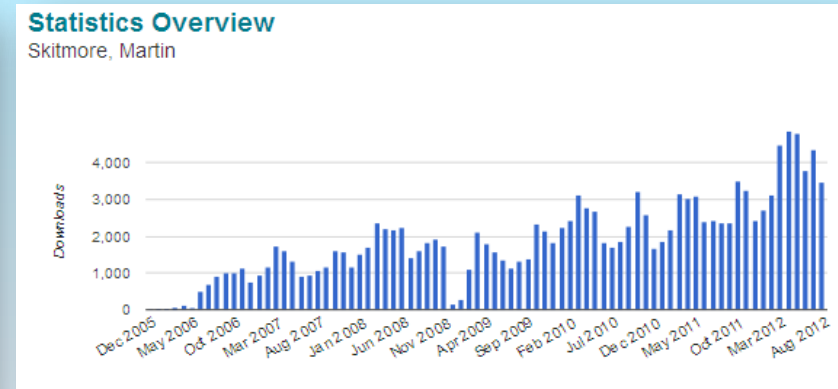
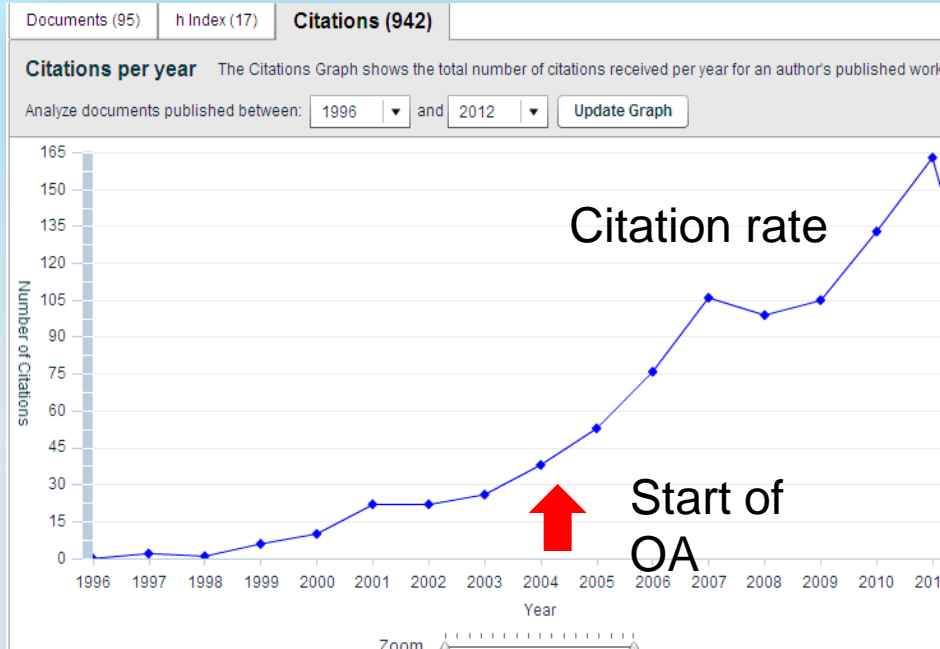
Citation impact

for a mid-career researcher (QUT)



- Prof. Katherine White (Psychology) has 101 open access publications in QUT ePrints, which have been downloaded a total of 47,750 times;
- OA deposits started in 2007
- Annual citation rate (as measured by Scopus) increased from 56 in 2007 to 268 citations in 2011.

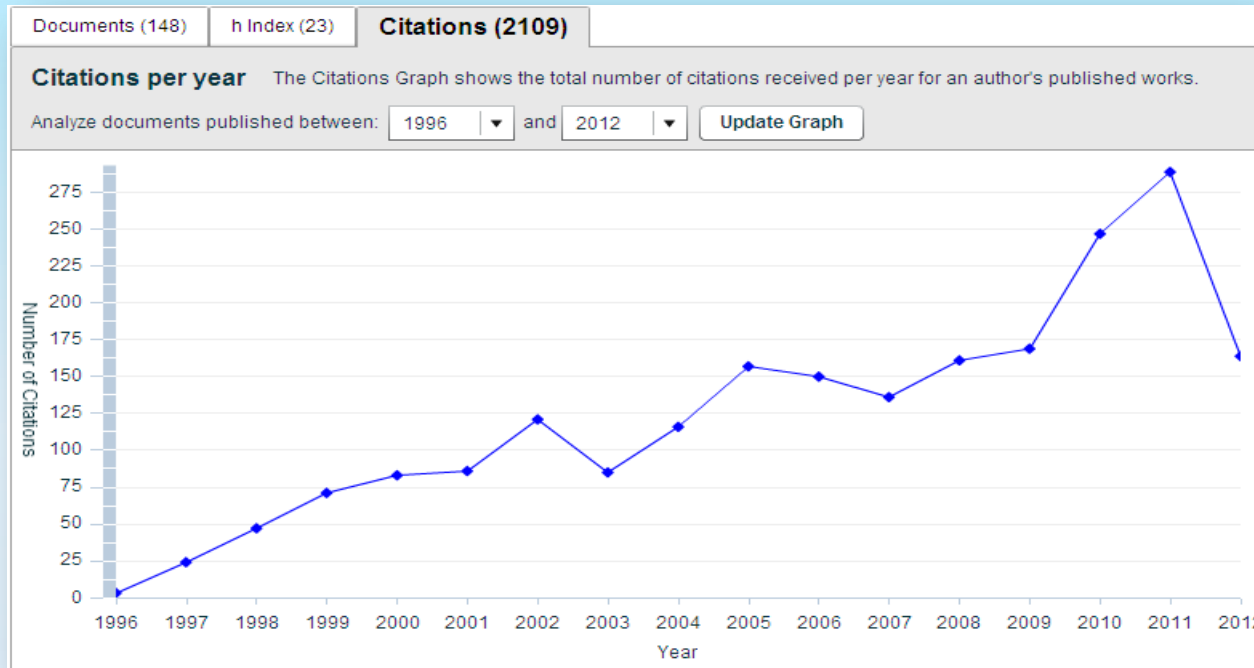
Citation impact in a different discipline



Monthly OA downloads

- **Martin Skitmore (construction economics/surveying) has 236 open access publications in QUT ePrints, which have been downloaded a total of 153,205 times;**
- **His annual citation rate (as measured by Scopus) increased from 53 in 2005 to 163 citations in 2011.**

Comparison Citation Data



- This QUT researcher (epidemiology and sexual health) has repository records for 46 of his 148 publications listed in Scopus - but only 11 have open access copies attached.
- The citation pattern since 2005 is quite different.

More Evidence

<http://arxiv.org/abs/1001.0361>

In Press
PLoS ONE



arXiv.org > cs > arXiv:1001.0361

Computer Science > Computers and Society

Self-Selected or Mandated, Open Access Increases Citation Impact for Higher Quality Research

[Yassine Gargouri](#), [Chawki Hajjem](#), [Vincent Lariviere](#), [Yves Gingras](#), [Les Carr](#), [Tim Brody](#), [Stevan Harnad](#)

(Submitted on 3 Jan 2010 (v1), last revised 9 Jan 2010 (this version, v2))

Articles whose authors make them Open Access (OA) by self-archiving them online are cited significantly more than articles accessible only to subscribers. 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. The OA Advantage proved just as high for both. Logistic regression 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 greatest 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). The advantage is greater for the more citeable 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.

- **These researchers compare the citation rates of open access articles v non-open access articles (in the same journals) using data from QUT, CERN, Southampton and Minho .**
- **Concluded that, where subscription barriers exist, the size of the OA advantages increases with the citeability (quality) of the article.**

Engaging with Industry

“Just last week, the General Manager of Sustainable Development from an Australian rural industry called me – based on reading one of my research papers in ePrints. He loved what he read – which he thought was the most clear approach he’d seen on quantifying social impact – and we are now in discussion about how we can help them measure their industry’s social impacts.”

Dr Evonne Miller, Senior Lecturer, Design

Gaining Research Students

- **The Faculty of Education has found that ePrints has formed an important bridge to facilitate engagement of potential postgraduate students with the Faculty.**
- **Both the Research Pathways Coordinator for Undergraduate Courses (Dr Beryl Exley), and the Assistant Dean Research, report with certainty the growth in HDR numbers through the greater visibility of the faculty's refereed research.**

The Broader Role – Research Impact

- **Greater visibility**
- **Direct impact on metrics that matter**
- **New readerships internationally and other areas, e.g. rural**
- **Attracting HDR students**

Response of the Faculties and others in the University

- **Developing Faculty-specific reward systems for depositing**
- **Considering mandates in other areas of research policy, e.g. data**
- **Using ePrints to link to important research profile information about staff**

Research Impact - Direct Citation Outside the Literature



DEPARTMENT OF
ECOLOGY
State of Washington

Review and Critique of Current Microbial Source Tracking (MST) Techniques

Carroll, Steven P., L. Dawes, M. Hargreaves, and A. Goonetilleke, 2007. Identification of Sources of Faecal Source Isolates in Ningi Creek, Australia. In Patterson, R.A. and Jones, M.J., Eds. Proceedings On-site '07 Conference: Innovation and Technology for On-site Systems, pages pp. 83-90. <http://eprints.qut.edu.au/15513/1/15513.pdf>

Research Impact - Linkages outside the Literature

'All your chocolate rain are belong to us?' Viral Video, YouTube and the dynamics of participatory culture

[Burgess, Jean](#) (2008) 'All your chocolate rain are belong to us?' Viral Video, YouTube and the dynamics of participatory culture. In *Video Vortex Reader: Responses to YouTube*. Institute of Network Cultures, Amsterdam, pp. 101-109.

This is the latest version of this eprint.



[Submitted Version \(PDF 191Kb\)](#)

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[View at publisher](#)

Citations:

Search [Google Scholar™](#)



Full-text downloads:



5,428 since deposited on 03 Mar 2009

2,931 in the past twelve months

<http://eprints.qut.edu.au/18431/>

The screenshot shows the Wikipedia article for 'Viral video'. At the top right, there are links for 'Create account' and 'Log in'. Below that is a navigation bar with 'Article' and 'Talk' tabs, and 'Read', 'Edit', and 'View history' buttons. A search box is also present. The main heading is 'Viral video', followed by the sub-heading 'From Wikipedia, the free encyclopedia'. The article text begins with 'A **viral video** is a video that becomes popular through the process of Internet sharing, typically through video sharing websites, social media and email.' It then lists several examples of viral videos, including 'The Lonely Island's "Lazy Sunday" and "Dick in a Box"', 'Numa Numa', 'The Evolution of Dance', 'Chocolate Rain', and 'I Got a Crush... on Obama'. It also mentions the 'Battle at Kruger' and 'Kony 2012' as notable viral videos.

http://en.wikipedia.org/wiki/Viral_video

Research Impact - Non-traditional Research Outputs

Accented Body : the body as site and in site.

[Stock, Cheryl F. \(2006\) Accented Body : the body as site and in site. \[Creative Work\]](#)



[Photo Presentation of Work \(MS PowerPoint 3185Kb\)](#)

Supplemental Material.

Image credit: Sonja de Sterke, Richard Kauser, Fiona Cullen, Ian Hutson, Aaron Veryard, Seo Hyojung



[Artistic Acquittal Report \(PDF 306Kb\)](#)

Supplemental Material.



Questions?

