Suggested Reference


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https://researchspace.auckland.ac.nz/docs/uoa-docs/rights.htm
Bridging the Impact Gap: Systems and Serendipity

ARMS Conference, Adelaide 2013

Natalie Thompson
Research Support Services Manager

13 September 2013
Background

2010 New research outputs management system
Symplectic Elements

*First site outside of the UK to implement Elements
Background

2011 Symplectic Elements Transferred to Library

New Team:
Research Support Services
Background

2012 PBRF: Performance Based Research Funding

Research Outputs @ Auckland

• Research Outputs used for PBRF

• Training and support provided by Library & Research Office
Background

Research Outputs @ Auckland

Intensive use!

2010
Purchase Symplectic Elements

2011
Library ownership
New team

2012
PBRF

& Beyond
Post PBRF: Questions

• How do we **keep momentum** generated during PBRF?

• How can we **leverage** our investment in **existing systems** to build **new services**?
A New Service

Building upon existing systems

Research Outputs Management System

Libary-based Institutional Repository
A New Service

BiblioInformatics Service:
Proposed new service for University of Auckland academic staff and doctoral students

Launching later in 2013

This proposed service will assist you to identify, track and measure the impact of your research output for:

- Grant and funding applications
- Promotion applications
- Your Academic CV

Traditional metrics & beyond
Drivers

Why develop an Impact Service?

• Library well positioned
  – Research Outputs
  & Institutional Repository

• Funding environment

• New Strategic Plan
  – Objectives around
    publications & citations
  – Monitoring and reporting
Who will benefit?

**Individual Researchers**
- Support Funding / Grant applications
- Performance Reviews
- Promotion
- Academic CVs

**Senior Management**
- Institutional performance / strategy
- Research Trends
- Recruitment
- Benchmarking
Benchmarking reports for senior management across:

**Trends**

- Source: InCites

**Strengths**

**Comparisons**

- Relative Impact for Selected Subject Areas
  *Comparisons removed for demo*
Trends over time

Follow trends in productivity and performance over time

Source: InCites
Collaborations: Who are our international collaborators?

Assess the spread of our collaborations
The BiblioInformatics Project – formed in late 2012

A Phased Approach...
- Project group formed Q4 2012
- Representation from across all Faculties

Project Phases

Info gathering
- Q1 2013

Pilot
Q2 – Q3 2013

Pre Go Live
Q3 – Q4 2013

BiblioInformatics Service Launch
Q4 2013
Information Gathering

Requirements

• Gathered feedback from researchers through consultation

• Representation from all faculties

• Asked questions on:
  – Impact requirement
  – Collaboration
  – Publishing strategy etc...
Requirements Gathering
Limitations of purely quantitative measures

The importance of context / individuality

Impact beyond scholarly literature

The personal and organic nature of collaboration

Publishing strategy and maximising visibility

Impact for promotion and grant applications

The role of Research Outputs.
• Managed by the Library

• Central store: publications & activities

• Rapid development - 6 week upgrade cycle

• Main data source for BiblioInformatics
Record from a data source

Source: Symplectic Elements
Repository connection
Pilot Service

...carrying on our conversations with researchers
Pilot Service

RESEARCH OUTPUTS & IMPACT
My Snapshot
27 May 2013

CREATED FOR
Professor Brown

PREPARED BY
Natalie Thompson and Sue Foggin

This Report
This Research Impact Report has been generated using your Research Outputs profile. The citation information is shown for two data sources: Web of Science and Scopus.

The accuracy of this report relies on the completeness of your publication record within Research Outputs. If you need assistance using Research Outputs please request a consultation by email to researchoutputs@auckland.ac.nz

My h-index*: 36 (Web of Science); 35 (Scopus)
Publication years: 1988 – 2013

Publications
You have a total of 64 publications

Publications by Year
This graph shows your publication totals by publication year:

1. By definition, the h-index of an author is the largest number of the author's papers that have each been cited at least h times. After March 2008, h-index is calculated using Google Scholar metrics. The h-index is a measure of a researcher's productivity and impact, but it does not take into account the quality or significance of the publications.

2. For the purpose of this report, only publications indexed in Web of Science and Scopus are included. Citations from other databases may not be captured in this report.
Publications over time

<table>
<thead>
<tr>
<th>Year</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Publications</td>
<td>9</td>
<td>7</td>
<td>10</td>
<td>16</td>
<td>5</td>
<td>0</td>
<td>9.4</td>
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<tr>
<td>Journal Articles Only</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>0</td>
<td>2.3</td>
</tr>
</tbody>
</table>

Personal metrics

h-index: 17 (Web of Science), 18 (Scopus)

Top cited publications

<table>
<thead>
<tr>
<th>Publication Title</th>
<th>Journal Name</th>
<th>Year</th>
<th>Total Citations (Scopus)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Once-yearly zoledronic acid for treatment of postmenopausal osteoporosis</td>
<td>NEW ENGLAND JOURNAL OF MEDICINE</td>
<td>2007</td>
<td>781</td>
</tr>
<tr>
<td>Intravenous zoledronic acid in postmenopausal women with low bone mineral density</td>
<td>NEW ENGLAND JOURNAL OF MEDICINE</td>
<td>2002</td>
<td>468</td>
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<tr>
<td>Denosumab for prevention of fractures in postmenopausal women with osteoporosis</td>
<td>NEW ENGLAND JOURNAL OF MEDICINE</td>
<td>2009</td>
<td>417</td>
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<tr>
<td>Effect of calcium supplementation on bone loss in postmenopausal women</td>
<td>NEW ENGLAND JOURNAL OF MEDICINE</td>
<td>1993</td>
<td>351</td>
</tr>
</tbody>
</table>

Journals by Frequency

<table>
<thead>
<tr>
<th>Journal Name</th>
<th>Number of Publications</th>
<th>Average Citations</th>
<th>Impact Factor 2012 (Perenti)</th>
<th>ERA 2010 Ranking</th>
<th>SNIP Rank (2010)</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Zealand Journal of Crop and Horticultural Science</td>
<td>15</td>
<td>5.63</td>
<td>0.461</td>
<td>B</td>
<td>0.559</td>
</tr>
<tr>
<td>Science and Justice</td>
<td>14</td>
<td>8.5</td>
<td>1.151</td>
<td>B</td>
<td>1.030</td>
</tr>
<tr>
<td>Forensic Science International</td>
<td>12</td>
<td>10.0</td>
<td>1.307</td>
<td>B</td>
<td>1.46</td>
</tr>
</tbody>
</table>

My Snapshot
Custom reporting options

• Build on snapshot report

• Consultations and checklists
  – Key research and best ways of demonstrating impact?

• Additional data sources and approaches

• Aggregate & automate e.g. book reviews
  – Surface in Primo Online Catalogue (discovery layer)
Pilot Service

Data sources and tools...
In development

Search on your book title or your name in Library Catalogue

Reviews of your Book Click to View!
## Number of views

### Statistics

**Total Visits**

<table>
<thead>
<tr>
<th>Title</th>
<th>Views</th>
</tr>
</thead>
<tbody>
<tr>
<td>If SWORD is the answer, what is the question? Use of the Simple Web service Offering Repository Deposit protocol</td>
<td>106211</td>
</tr>
<tr>
<td>Commissioning and performance of the CMS silicon strip tracker with cosmic ray muons</td>
<td>7678</td>
</tr>
<tr>
<td>Water-soluble inorganic ions in atmospheric particles in New Zealand urban areas</td>
<td>4506</td>
</tr>
<tr>
<td>Semiotics and the discourse of architecture</td>
<td>3862</td>
</tr>
<tr>
<td>A comparative study of the cultural diplomacy of Canada, New Zealand and India</td>
<td>3841</td>
</tr>
<tr>
<td>Teacher Appraisal: Missed Opportunities for Learning</td>
<td>3584</td>
</tr>
<tr>
<td>The development of kaupapa Maori : theory and praxis</td>
<td>3468</td>
</tr>
<tr>
<td>An investigation on diffuser augmented wind turbine design</td>
<td>2894</td>
</tr>
<tr>
<td>The vegetation pattern of Rangitoto</td>
<td>2793</td>
</tr>
<tr>
<td>Selected resonant converters for IPT power supplies</td>
<td>2651</td>
</tr>
</tbody>
</table>
# Statistics

## Total Visits

**If SWORD is the answer, what is the question? Use of the Simple Web service Offering Repository Deposit protocol**

| Views | 108211 |

## Total Visits Per Month

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>If SWORD is the answer, what is the question? Use of the Simple Web service Offering Repository Deposit protocol</strong></td>
<td>6054</td>
<td>5012</td>
<td>5434</td>
<td>5997</td>
<td>14654</td>
<td>14226</td>
<td>4125</td>
</tr>
</tbody>
</table>

## File Visits

<table>
<thead>
<tr>
<th>File</th>
<th>Views</th>
</tr>
</thead>
<tbody>
<tr>
<td>sword.pdf</td>
<td>1039</td>
</tr>
<tr>
<td>license.txt</td>
<td>284</td>
</tr>
</tbody>
</table>

## Top country views

<table>
<thead>
<tr>
<th>Country</th>
<th>Views</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Zealand</td>
<td>103931</td>
</tr>
<tr>
<td>United States of America</td>
<td>501</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>104</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>89</td>
</tr>
<tr>
<td>Korea</td>
<td>82</td>
</tr>
<tr>
<td>China</td>
<td>48</td>
</tr>
<tr>
<td>Germany</td>
<td>44</td>
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<tr>
<td>Canada</td>
<td>29</td>
</tr>
<tr>
<td>Spain</td>
<td>25</td>
</tr>
<tr>
<td>Netherlands</td>
<td>23</td>
</tr>
</tbody>
</table>
Track the impact of your research outputs

Impact is important

Demonstrating impact can assist with:

- Funding applications
- Promotion applications
- Publishing strategy
- Enhancing academic CVs
- Research assessment

There are a range of tools and approaches for tracking the impact of a researcher, journal or publication.

Learn about measures such as:

- Citation counts and the h-index
- Reviews, media mentions and awards
- Altmetrics (publication activity and reach on the social web)
- And more...

Getting started

Use the tabs in this guide to learn more about how you can track your impact.

My RI

Explore this self-paced guide developed by a consortium of Irish Universities. It provides a good overview on how you might approach measuring your impact.
Next Steps...

- Work towards go live of Service Q4 2013
  - Launch faculty by faculty
- Continue to move towards more automation and self service approach
- Tying back to requirements
- Early Career Researcher Training
- Ongoing discussions with our researchers
Bridging the Impact Gap

Researcher Requirements

BiblioInformatics Service

Systems
Thank you