Facilitating Collaboration
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Why collaborate?

• Add missing pieces to your solution set
• Solve more ambitious problems
• Access advanced infrastructure
• Improve the impact of your research
• Increase citations
• Ensure international level of quality
• Develop junior researchers
Changing Global Landscape of Publication

Over the last decade, the number of articles indexed by Thomson Reuters in the Web of Science, has increased by an average of around 4 percent each year. Since 2007, over a million papers have been indexed each year.

<table>
<thead>
<tr>
<th>Year</th>
<th>Articles</th>
<th>Percentage Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>812,384</td>
<td></td>
</tr>
<tr>
<td>2002</td>
<td>846,619</td>
<td>4.21%</td>
</tr>
<tr>
<td>2003</td>
<td>882,088</td>
<td>4.19%</td>
</tr>
<tr>
<td>2004</td>
<td>925,219</td>
<td>4.89%</td>
</tr>
<tr>
<td>2005</td>
<td>973,968</td>
<td>5.27%</td>
</tr>
<tr>
<td>2006</td>
<td>975,658</td>
<td>0.17%</td>
</tr>
<tr>
<td>2007</td>
<td>1,021,510</td>
<td>4.70%</td>
</tr>
<tr>
<td>2008</td>
<td>1,091,707</td>
<td>6.87%</td>
</tr>
<tr>
<td>2009</td>
<td>1,127,131</td>
<td>3.24%</td>
</tr>
<tr>
<td>2010</td>
<td>1,153,041</td>
<td>2.30%</td>
</tr>
</tbody>
</table>

Source: Web of Science
Changing Patterns in Australia’s Publications

<table>
<thead>
<tr>
<th></th>
<th>2001</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web of Science Documents</td>
<td>31,317</td>
<td>49,289</td>
</tr>
<tr>
<td>Average Authors per Document</td>
<td>3.49</td>
<td>5.43</td>
</tr>
<tr>
<td>Average Institutions per Document</td>
<td>1.99</td>
<td>2.83</td>
</tr>
</tbody>
</table>

Source: Incites
Case Study: Harvard University

Harvard's WOS Indexed Articles and Collaborating Institutions 2002 and 2011

- **Number of Articles**
  - 2002: ~4,000
  - 2011: ~9,000

- **Number of Institutions**
  - 2002: ~2,000
  - 2011: ~6,000

### Harvard's WOS Indexed Articles and Collaborating Institutions 2002 and 2011

- **Articles**
- **Collaborating Institutions**
UWA’s research strategies

• Increase international collaborations (quality)
• Socialize our research outcomes (impact)
• Develop the next generation of researchers (sustainability)
How these strategies are supported

• Research Collaboration Awards
• Research Development Awards
• Inter/national networks and support for participation
  – WUN
  – Matariki
  – China/India
  – UQ and Go8 schemes
• Travel grants for research students
• Research Matching Funds for COEs, infrastructure, CRCs etc.