ORBi, the open repository of Ulg and the geographers: first statistics analyzed

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ORBi (Open Repository and Bibliography) at Ulg

- **26 November 2008** – official launch by the Library Network;

- **ALL** scholarly publications of the Ulg members since **2002**, have to be deposited with a full text (open or restricted access);

- **ONLY** the references existent in ORBi are taken into account for **EVALUATIONS** and **PROMOTIONS**;
General evolution - Actual statistics:

- More than **51,000** references with **30,500 (61%)** full text references (**14,500 OA → 47,63% of the Full Text)**
- **ROAR : 35th** in the world repositories in high activity level
General visualizations and downloads:

The average of visualization per reference is 1 per month
Bibliometrics & statistics available:
- number of views and downloads (updated daily), from or outside ULg
- Impact factor (current and from the year of publication), IF5, Eigenfactor, article influence (updated daily for new references)
- Citations (updated weekly): Google scholars citations, Web of Science citations
  - only human accesses (excluding access from more than 20,000 spiders)
- by reference, by author, globally, by month, by country, top 20...
Researchers have an automated tool for the generation of publications report:
Deposit evolution for the geographers:

Evolution of the number of references deposited in ORBi

- 26/11/2008
- 24/12/2008
- 24/03/2009
- 19/01/2010
- 21/09/2010
Geographers turn:

I analyzed only the number of visualizations and downloads of the 454 articles published in scientific journals from a total of 870 references deposited in ORBi (with or without full text), for the 20 geographers affiliated to the Department of Geography of Ulg, who have self deposited their references and I compared these values with those of the Dept. of Geology an the Dept. of Environment;
Department of Geography

20 geographers

454 ARTICLES

Department of Geology

22 geologists

326 ARTICLES

Environment Department

70 environmentalists

770 ARTICLES
Statistics analyzed:

Number of visualisations for the 454 articles (thousand)

- Total: 7441
- ULg: 2085
- Exterieurs: 5356
Statistics analyzed:

Number of downloads for the 454 articles (thousand)

- Total: 2385 thousand
- Ulg: 540 thousand
- Exterieurs: 1845 thousand
Comparison I:

Number of visualizations for the three departments of the Faculty of Sciences

- Dept of Geography
- Dept of Geology
- Dept of Environment

<table>
<thead>
<tr>
<th>Department</th>
<th>Visualizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>7441</td>
</tr>
<tr>
<td>Dept of Geography</td>
<td>20127</td>
</tr>
<tr>
<td>Dept of Geology</td>
<td>6172</td>
</tr>
<tr>
<td>Dept of Environment</td>
<td>2085</td>
</tr>
<tr>
<td>Ulg</td>
<td>4164</td>
</tr>
<tr>
<td>Dept of Geography</td>
<td>1124</td>
</tr>
<tr>
<td>Dept of Geology</td>
<td>5356</td>
</tr>
<tr>
<td>Dept of Environment</td>
<td>5048</td>
</tr>
<tr>
<td>Exterieurs</td>
<td>15963</td>
</tr>
</tbody>
</table>
## Comparison II:

Number of downloads for the three departments of the Faculty of Sciences

<table>
<thead>
<tr>
<th>Department</th>
<th>Total</th>
<th>Dept of Geography</th>
<th>Dept of Geology</th>
<th>Dept of Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept of Geography</td>
<td>824</td>
<td>2385</td>
<td>540</td>
<td>673</td>
</tr>
<tr>
<td>Dept of Geology</td>
<td>151</td>
<td>1845</td>
<td>677</td>
<td>1845</td>
</tr>
<tr>
<td>Dept of Environment</td>
<td>673</td>
<td>2876</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Average of visualizations and downloads

<table>
<thead>
<tr>
<th>Category</th>
<th>Articles</th>
<th>Visualizations</th>
<th>Downloads</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geographic</td>
<td>16,38</td>
<td>5,25</td>
<td></td>
</tr>
<tr>
<td>Geologic</td>
<td>18,93</td>
<td>2,52</td>
<td></td>
</tr>
<tr>
<td>Environmental</td>
<td>26,13</td>
<td>4,61</td>
<td></td>
</tr>
</tbody>
</table>
Articles published in a journal with an Impact Factor:

<table>
<thead>
<tr>
<th>IF article</th>
<th>Tot. no</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>84</td>
<td>454</td>
<td>18%</td>
</tr>
<tr>
<td>2035</td>
<td>7441</td>
<td>27% (ULg: 576 and Ext: 1459)</td>
</tr>
<tr>
<td>550</td>
<td>2388</td>
<td>23% (ULg: 111 and Ext: 439)</td>
</tr>
</tbody>
</table>
Conclusion:

The missions accomplished by ORBi at Ulg:

- Tool for the evaluation of the researchers
- Tool for the researchers, they can survey the utilization of their publications closely
- Promote the Open Access publication;
Questions for my future studies:

- **citations:** I intend to pursue my studies on the impact of the deposit in an open archive on the citations - too early for this type of study;
- changes that the **electronic information and publication** brought in the way of research and publication of the geographers in Liege;
- **databases** in Geography (Francis, GeoRef, Geobase) and Google scholar are included in my researches also;
Thank you for your attention!

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Special thanks to my colleagues!!!