

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

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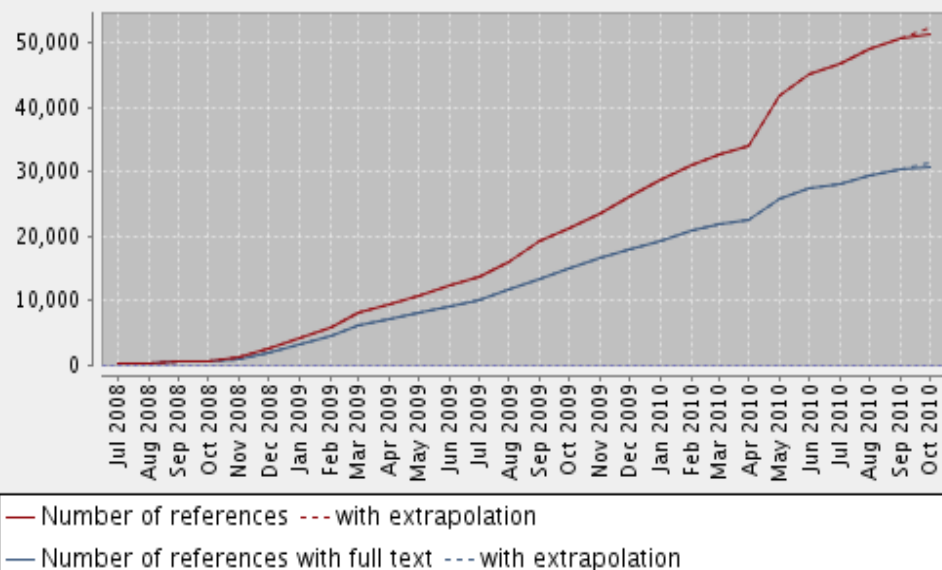
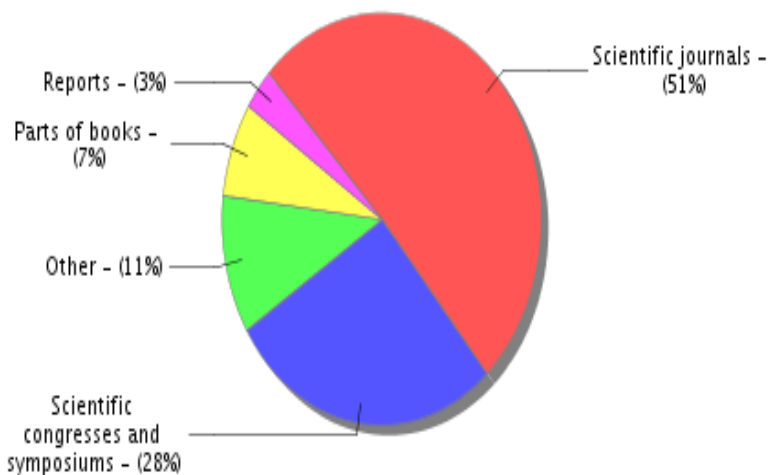
22/10/2010

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**;

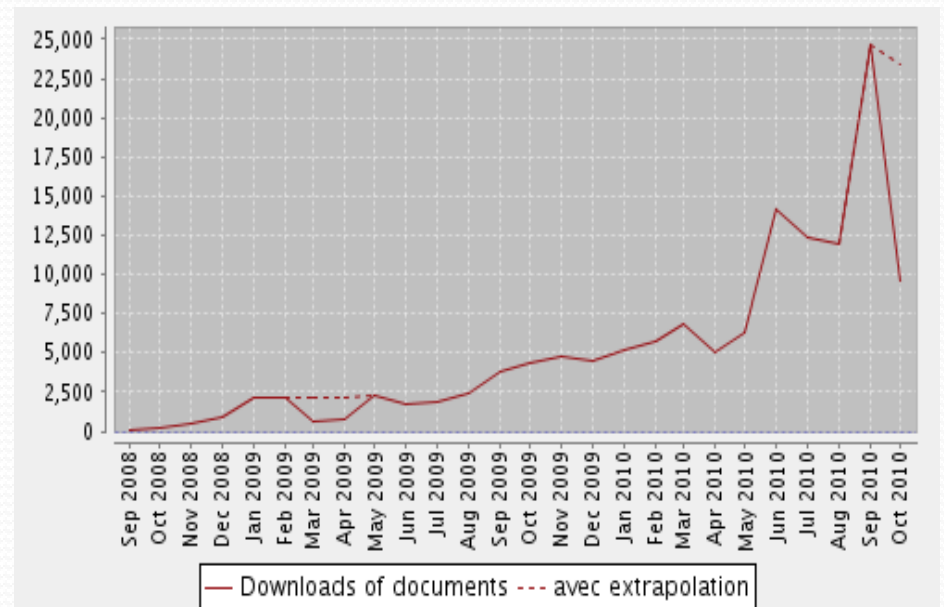
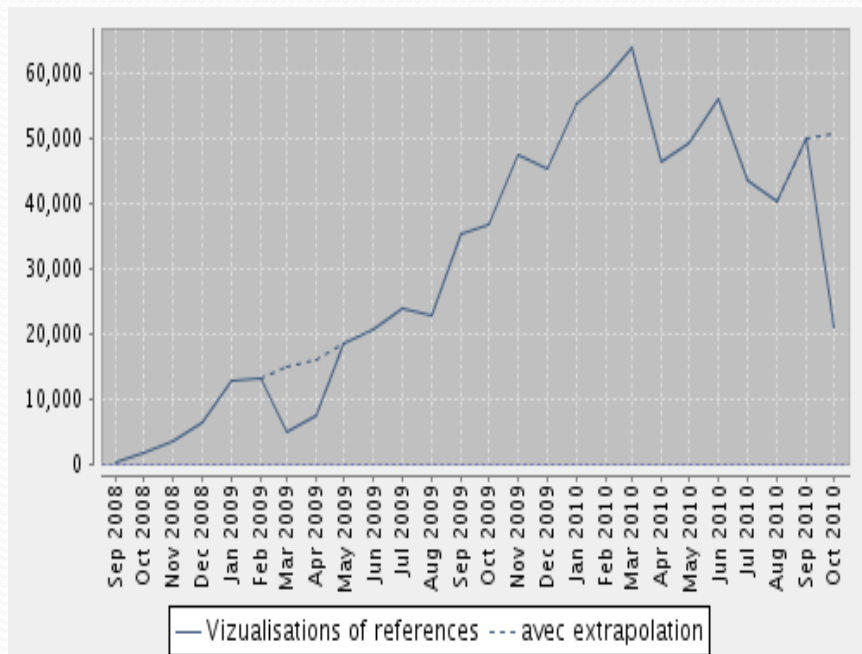
General evolution - Actual statistics:

- 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



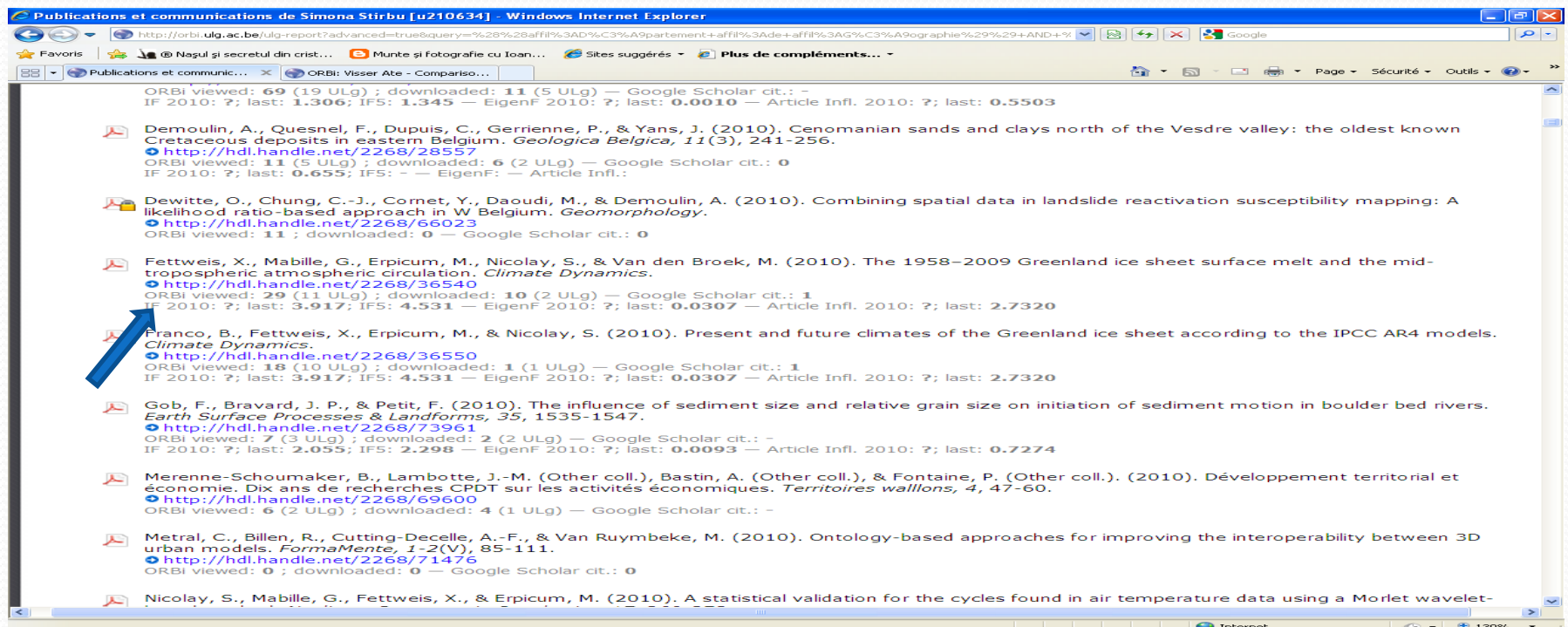
General visualizations and downloads:

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...



The screenshot shows a web browser window titled "Publications et communications de Simona Stirbu [u210634] - Windows Internet Explorer". The address bar shows a URL from <http://orbi.ulg.ac.be>. The page displays a list of publications with associated bibliometric data. A blue arrow points to the entry for Franco, B., Fettweis, X., Erpicum, M., & Nicolay, S. (2010).

ORBI viewed: 69 (19 ULg) ; downloaded: 11 (5 ULg) — Google Scholar cit.: —
IF 2010: ?; last: 1.306; IF5: 1.345 — EigenF 2010: ?; last: 0.0010 — Article Infl. 2010: ?; last: 0.5503

Demoulin, A., Quesnel, F., Dupuis, C., Gerrienne, P., & Yans, J. (2010). Cenomanian sands and clays north of the Vesdre valley: the oldest known Cretaceous deposits in eastern Belgium. *Geologica Belgica*, 11 (3), 241-256.
<http://hdl.handle.net/2268/28557>
ORBI viewed: 11 (5 ULg) ; downloaded: 6 (2 ULg) — Google Scholar cit.: 0
IF 2010: ?; last: 0.655; IF5: — EigenF: — Article Infl.:

Dewitte, O., Chung, C.-J., Cornet, Y., Daoudi, M., & Demoulin, A. (2010). Combining spatial data in landslide reactivation susceptibility mapping: A likelihood ratio-based approach in W Belgium. *Geomorphology*.
<http://hdl.handle.net/2268/66023>
ORBI viewed: 11 ; downloaded: 0 — Google Scholar cit.: 0

Fettweis, X., Mabilbe, G., Erpicum, M., Nicolay, S., & Van den Broek, M. (2010). The 1958–2009 Greenland ice sheet surface melt and the mid-tropospheric atmospheric circulation. *Climate Dynamics*.
<http://hdl.handle.net/2268/36540>
ORBI viewed: 29 (11 ULg) ; downloaded: 10 (2 ULg) — Google Scholar cit.: 1
IF 2010: ?; last: 3.917; IF5: 4.531 — EigenF 2010: ?; last: 0.0307 — Article Infl. 2010: ?; last: 2.7320

Franco, B., Fettweis, X., Erpicum, M., & Nicolay, S. (2010). Present and future climates of the Greenland ice sheet according to the IPCC AR4 models. *Climate Dynamics*.
<http://hdl.handle.net/2268/36550>
ORBI viewed: 18 (10 ULg) ; downloaded: 1 (1 ULg) — Google Scholar cit.: 1
IF 2010: ?; last: 3.917; IF5: 4.531 — EigenF 2010: ?; last: 0.0307 — Article Infl. 2010: ?; last: 2.7320

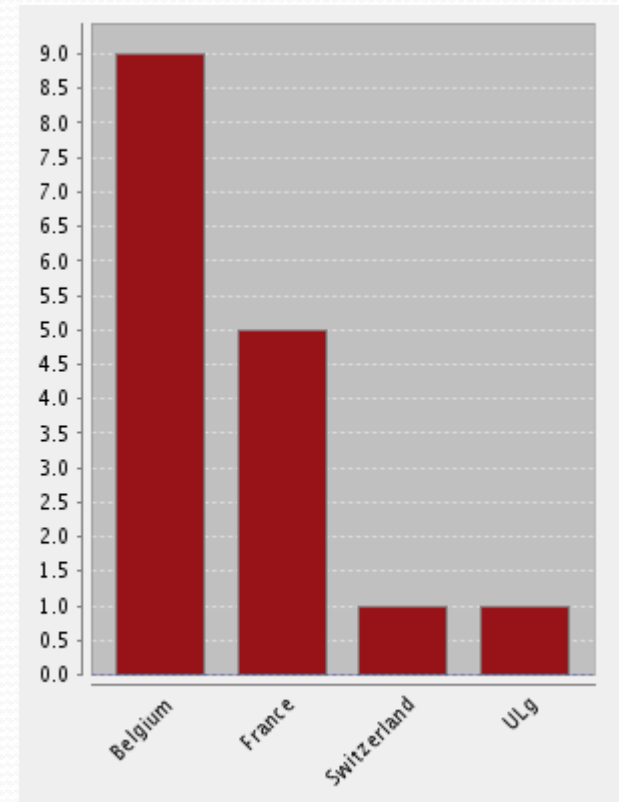
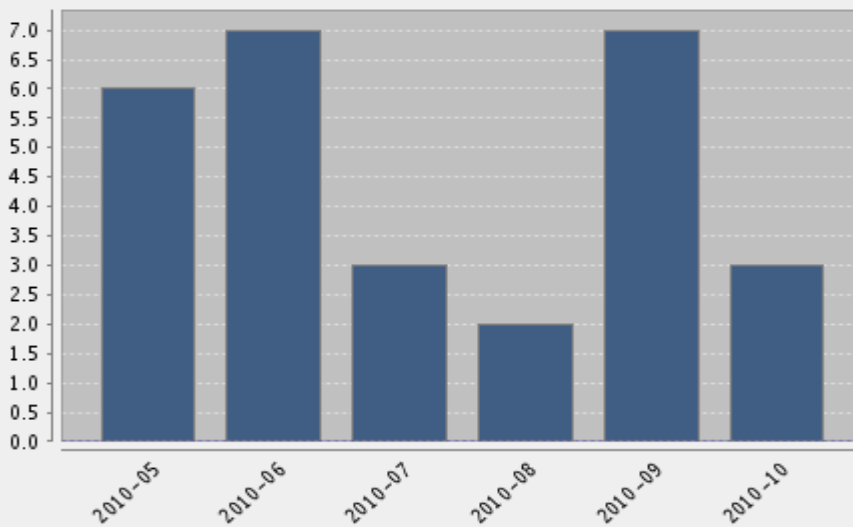
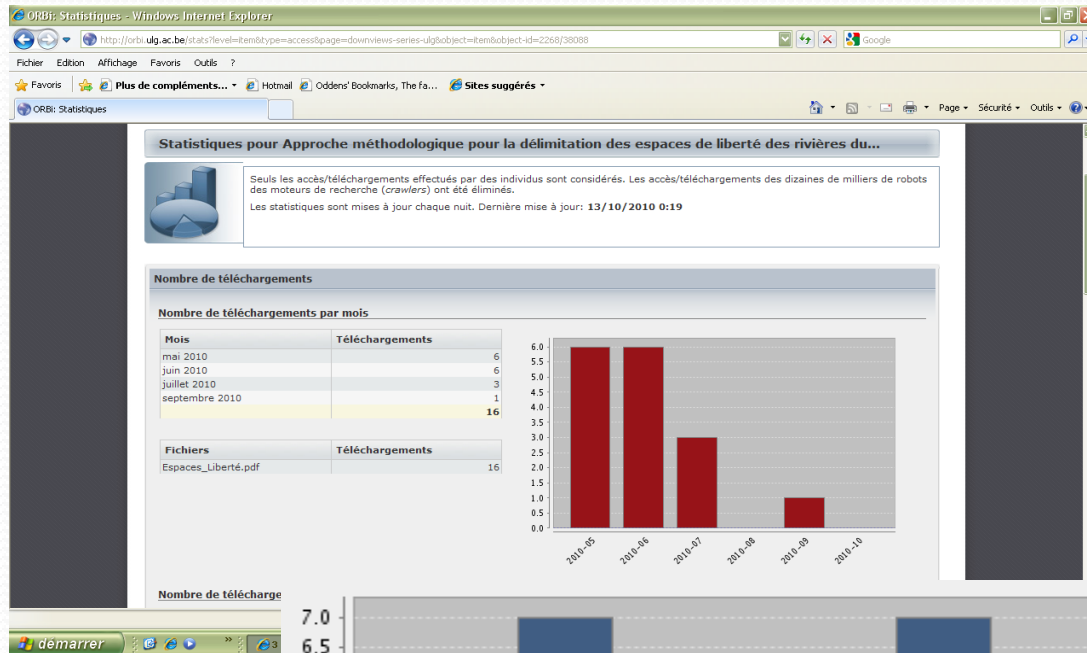
Gob, F., Bravard, J. P., & Petit, F. (2010). The influence of sediment size and relative grain size on initiation of sediment motion in boulder bed rivers. *Earth Surface Processes & Landforms*, 35, 1535-1547.
<http://hdl.handle.net/2268/73961>
ORBI viewed: 7 (3 ULg) ; downloaded: 2 (2 ULg) — Google Scholar cit.: —
IF 2010: ?; last: 2.055; IF5: 2.298 — EigenF 2010: ?; last: 0.0093 — Article Infl. 2010: ?; last: 0.7274

Merenne-Schoumaker, B., Lambotte, J.-M. (Other coll.), Bastin, A. (Other coll.), & Fontaine, P. (Other coll.). (2010). Développement territorial et économie. Dix ans de recherches CPDT sur les activités économiques. *Territoires wallons*, 4, 47-60.
<http://hdl.handle.net/2268/69600>
ORBI viewed: 6 (2 ULg) ; downloaded: 4 (1 ULg) — Google Scholar cit.: —

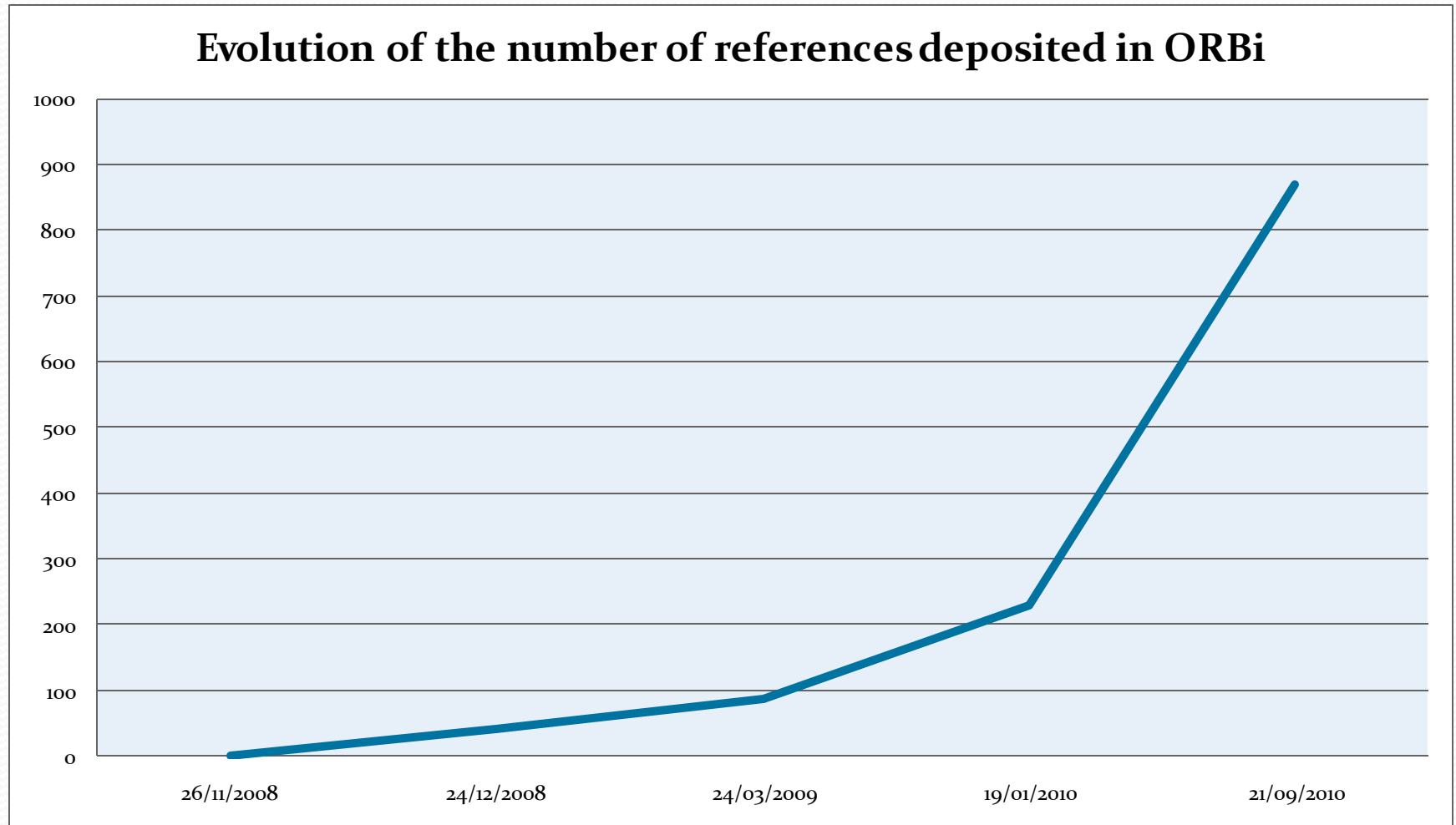
Metral, C., Billen, R., Cutting-Decelle, A.-F., & Van Ruymbeke, M. (2010). Ontology-based approaches for improving the interoperability between 3D urban models. *FormaMente*, 1-2(V), 85-111.
<http://hdl.handle.net/2268/71476>
ORBI viewed: 0 ; downloaded: 0 — Google Scholar cit.: 0

Nicolay, S., Mabilbe, G., Fettweis, X., & Erpicum, M. (2010). A statistical validation for the cycles found in air temperature data using a Morlet wavelet-

Researchers have an automated tool for the generation of publications report:



Deposit evolution for the geographers:



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 and the Dept. of Environment;

**Department of
Geography**



20 geographers



454 ARTICLES

**Department of
Geology**



22 geologists



326 ARTICLES

**Environment
Department**



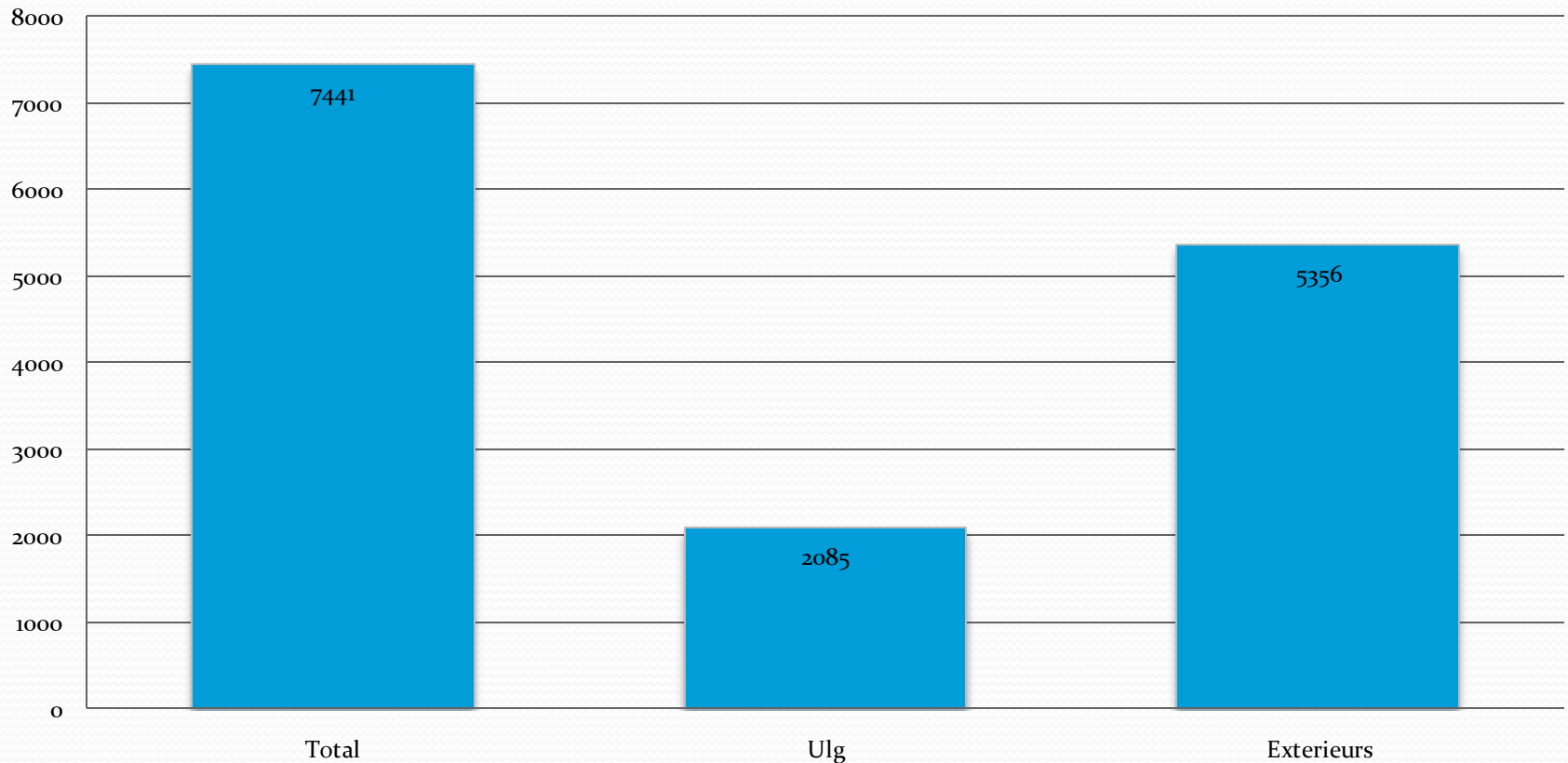
**70
environmentalists**



770 ARTICLES

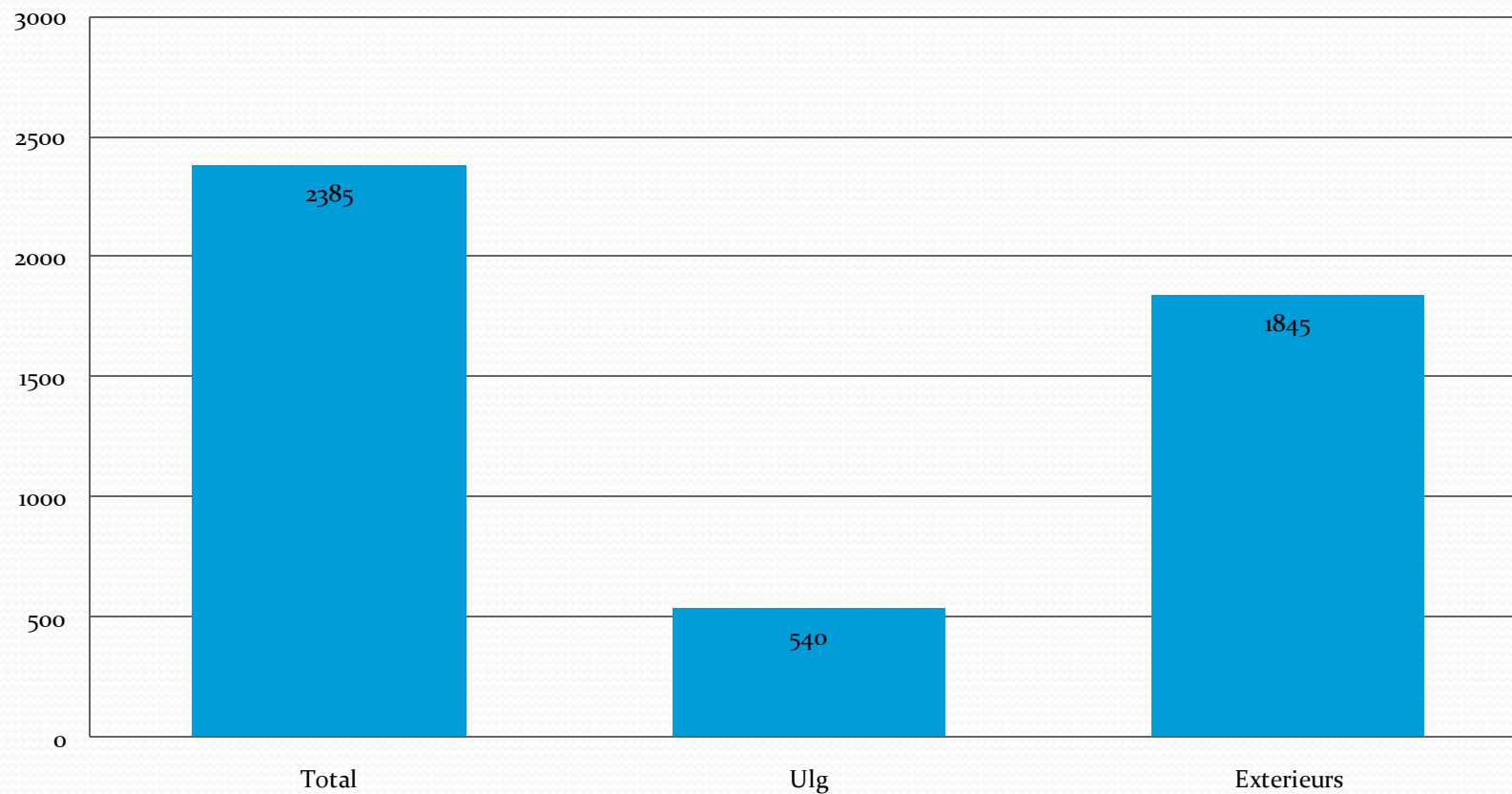
Statistics analyzed:

Number of visualisations for the 454 articles(thousand)



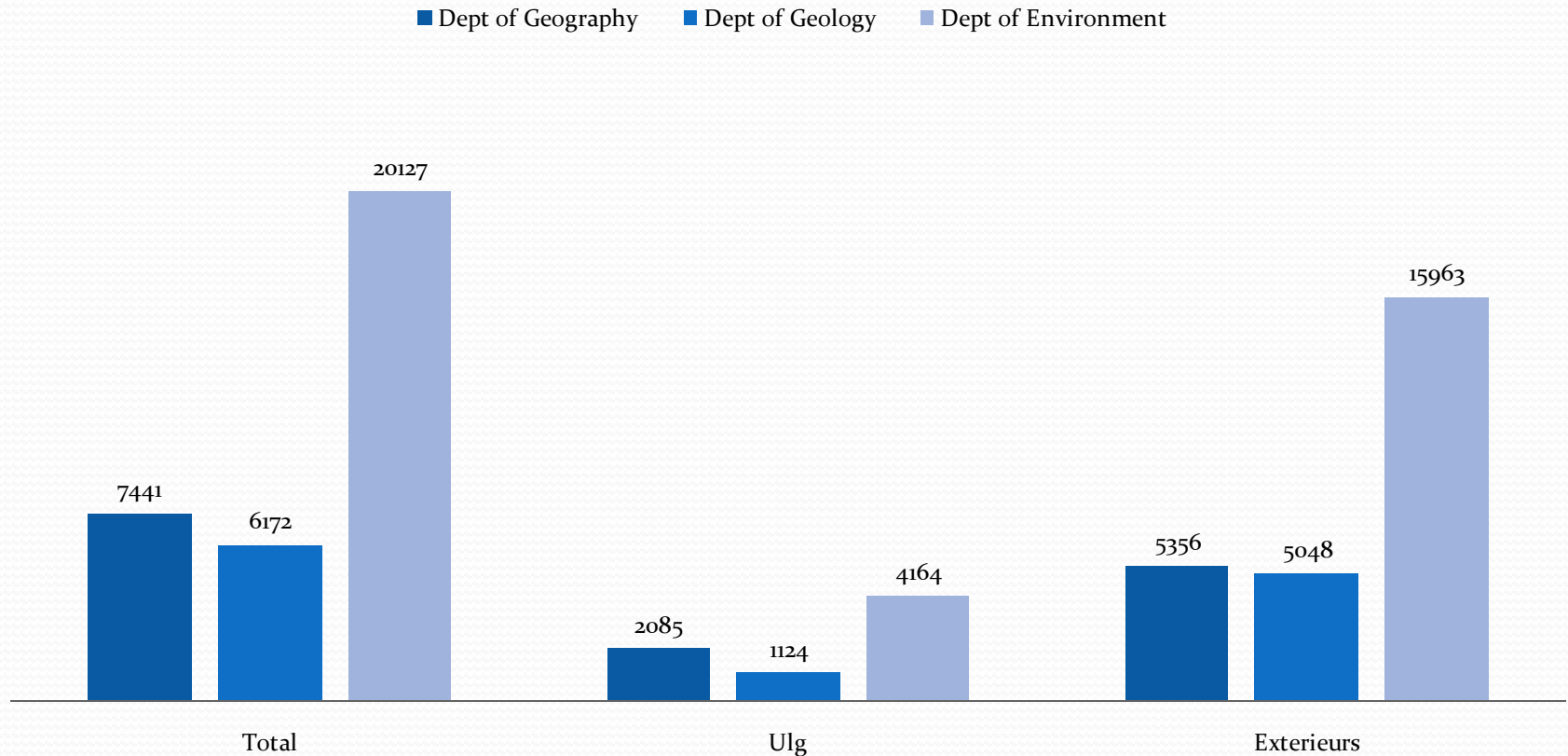
Statistics analyzed:

Number of downloads for the 454 articles(thousand)



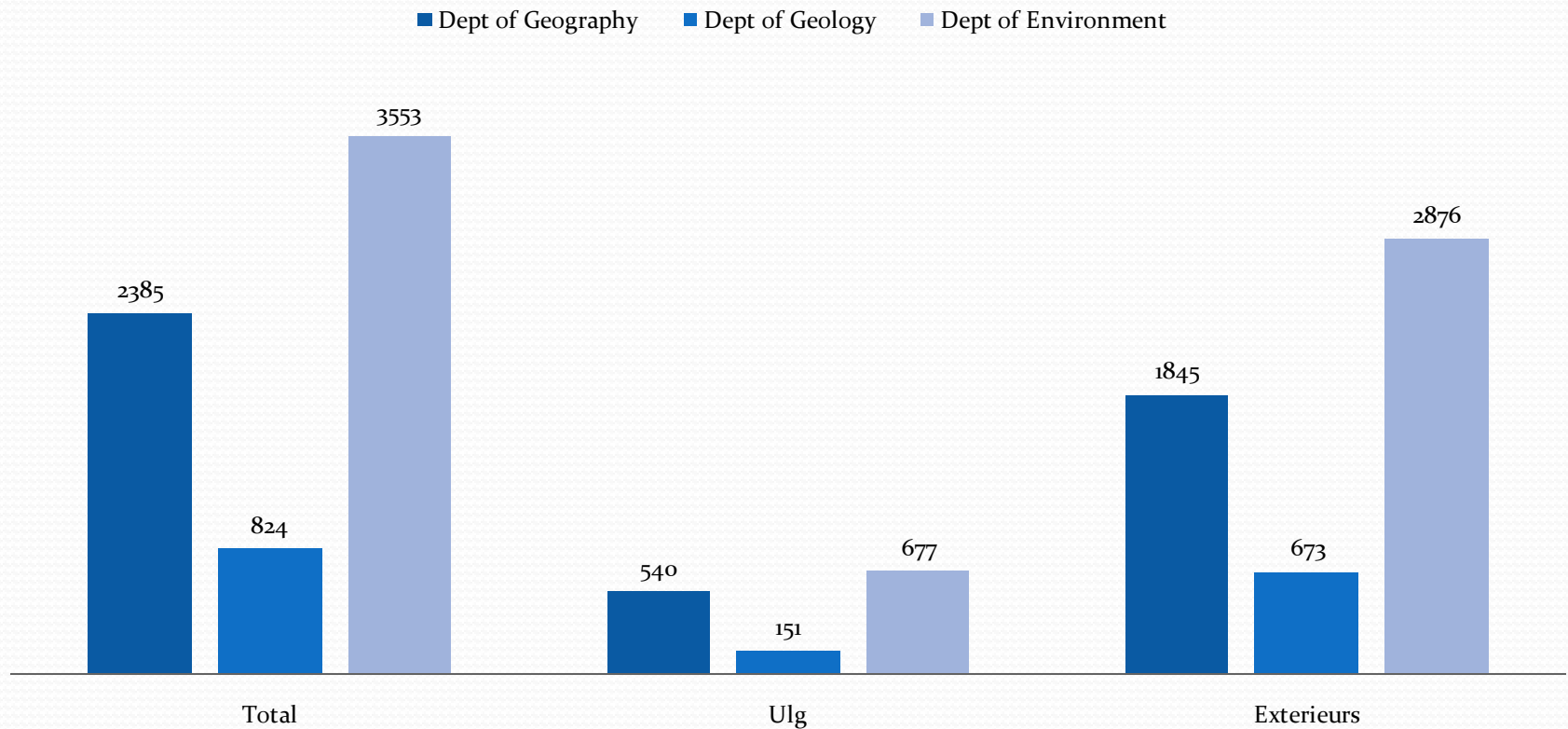
Comparison I:

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



Comparison II:

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



Average of visualizations and downloads

ARTICLES



Geographic
Geologic
Environmental

VISUALIZATIONS



16,38
18,93
26,13

DOWNLOADS



5,25
2,52
4,61

Articles published in a journal with an Impact Factor:

IF article		Tot. no		Percentage
↓		↓		↓
84	OF	454	=	18%
2035	OF	7441	visualiz.	27% (ULg : 576 and Ext:1459)
550	OF	2388	downloads	23% (ULg: 111 and Ext: 439)

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!!!