

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

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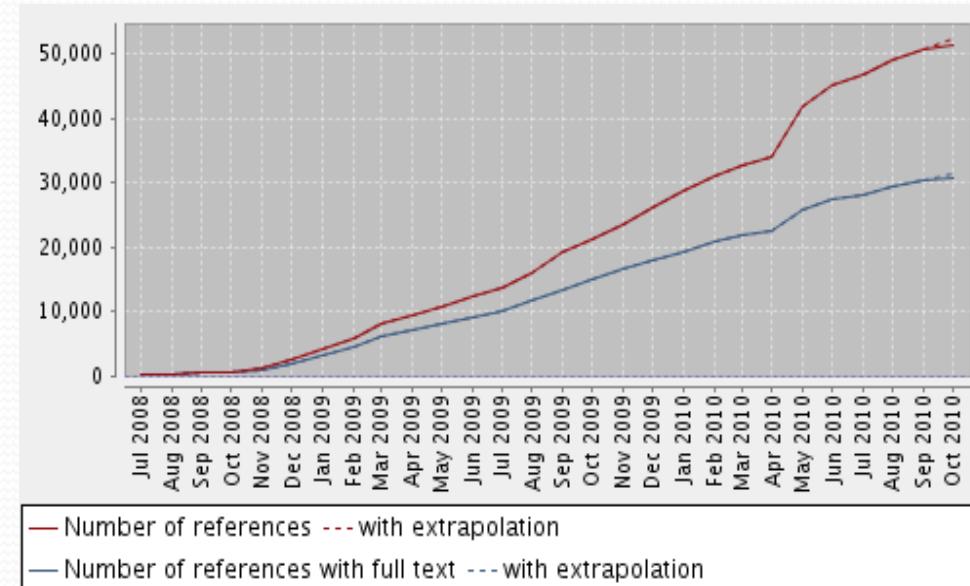
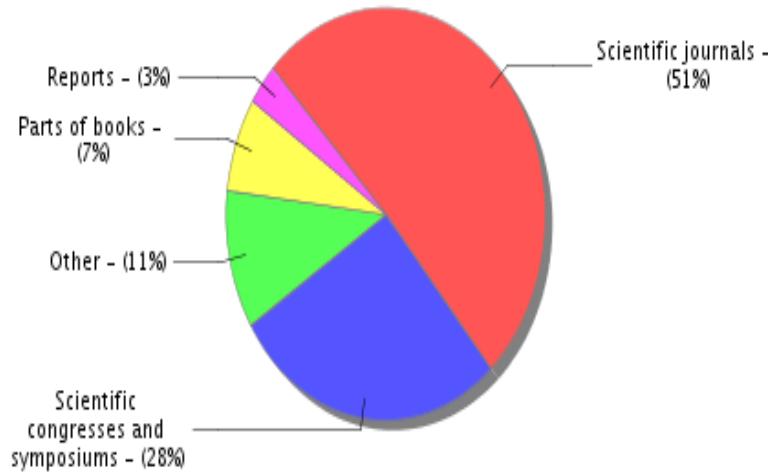
22/10/2010

# 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**;

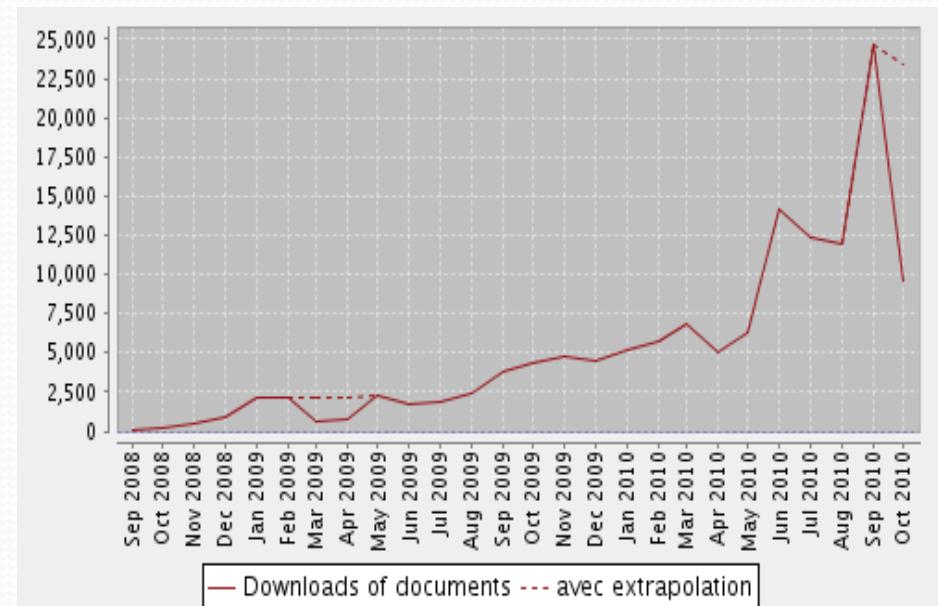
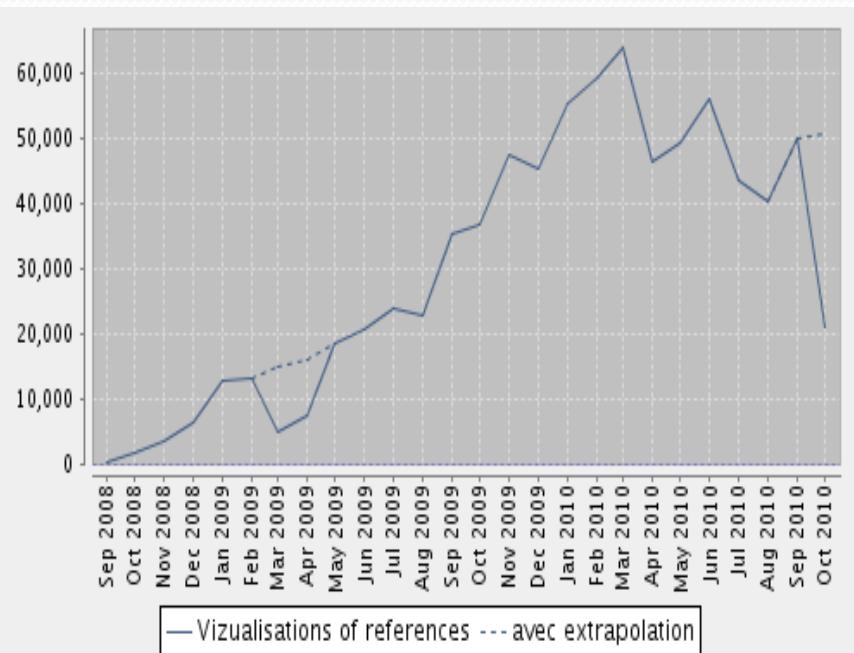
# General evolution - Actual statistics:

- More than **51.000** references with **30.500 (61%) full text** references (**14.500** OA → **47,63%** of the Full Text)
- ROAR : **35<sup>th</sup>** in the world repositories in high activity level



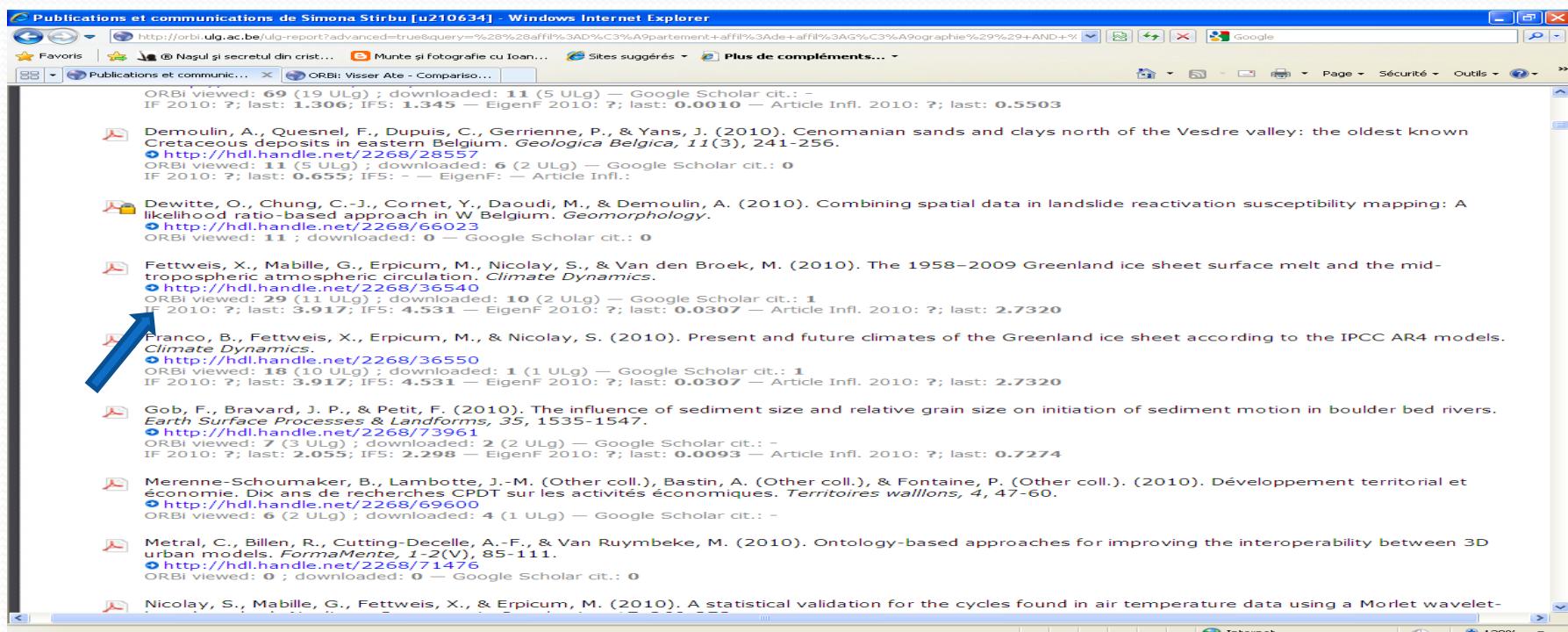
# General visualizations and downloads:

The average of visualization per reference is **I 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...



Publications et communications de Simona Stirbu [u210634] - Windows Internet Explorer

http://orbi.ulg.ac.be/ulg-report?advanced=true&query=%26%26affili%3AD%3C%9partement+affili%3Ade+affili%3AG%3C%9ographie%29%29+AND+%

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.  
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*.  
ORBI viewed: 11 ; downloaded: 0 — Google Scholar cit.: 0

Fettweis, X., Mabille, 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*.  
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*.  
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

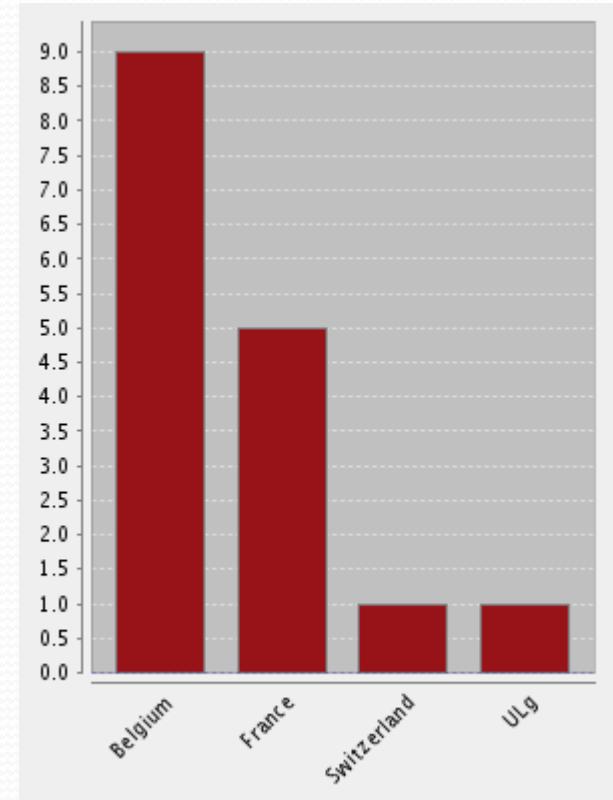
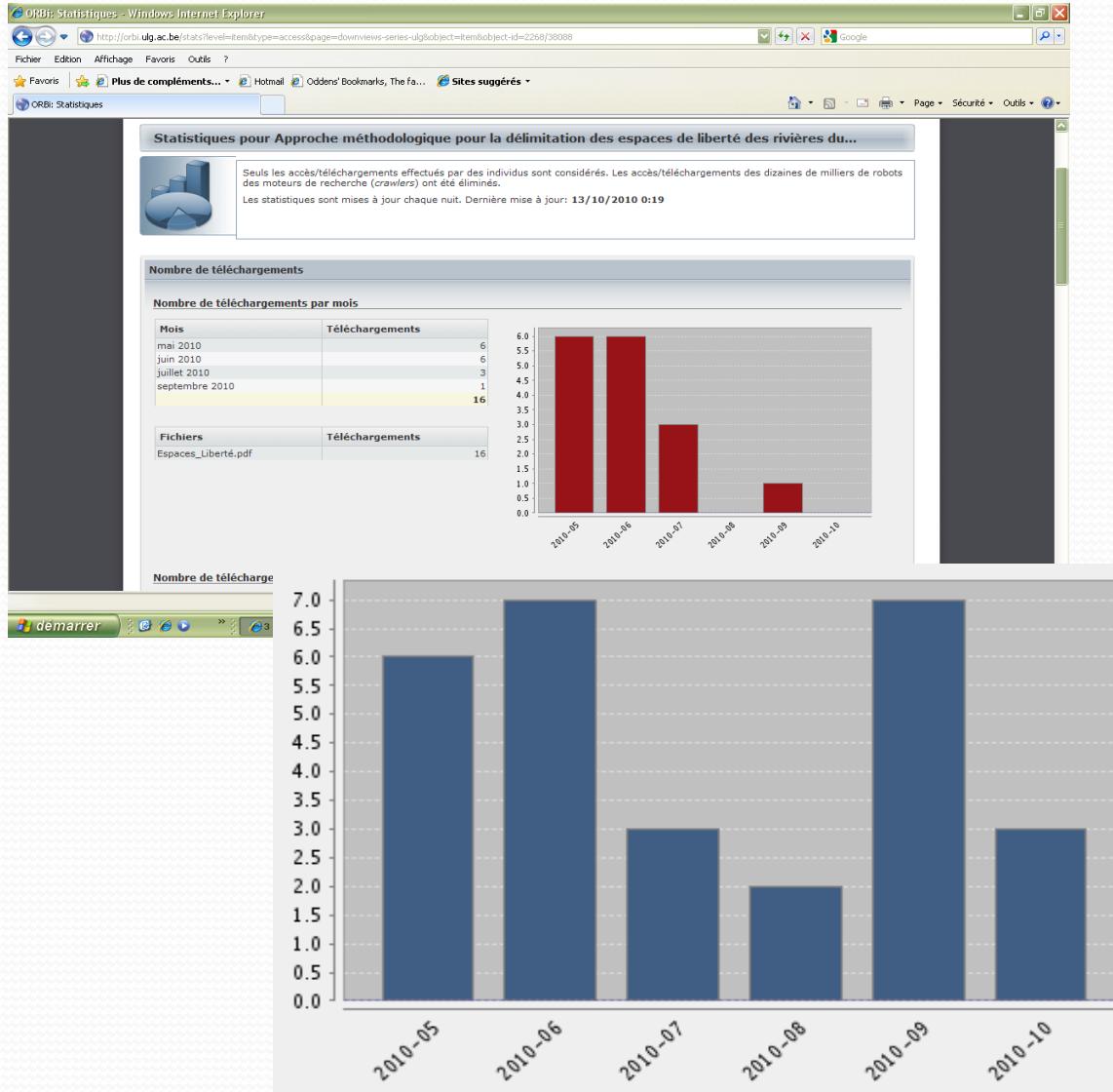
Gob, F., Bravard, J. P., & Petit, F. (2010). The influence of sediment size and relative grain size on initiation of sediment motion in boulder bed rivers. *Earth Surface Processes & Landforms*, 35, 1535-1547.  
ORBI viewed: 7 (3 ULg) ; downloaded: 2 (2 ULg) — Google Scholar cit.: -  
IF 2010: ?; last: 2.059; 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.  
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.  
ORBI viewed: 0 ; downloaded: 0 — Google Scholar cit.: 0

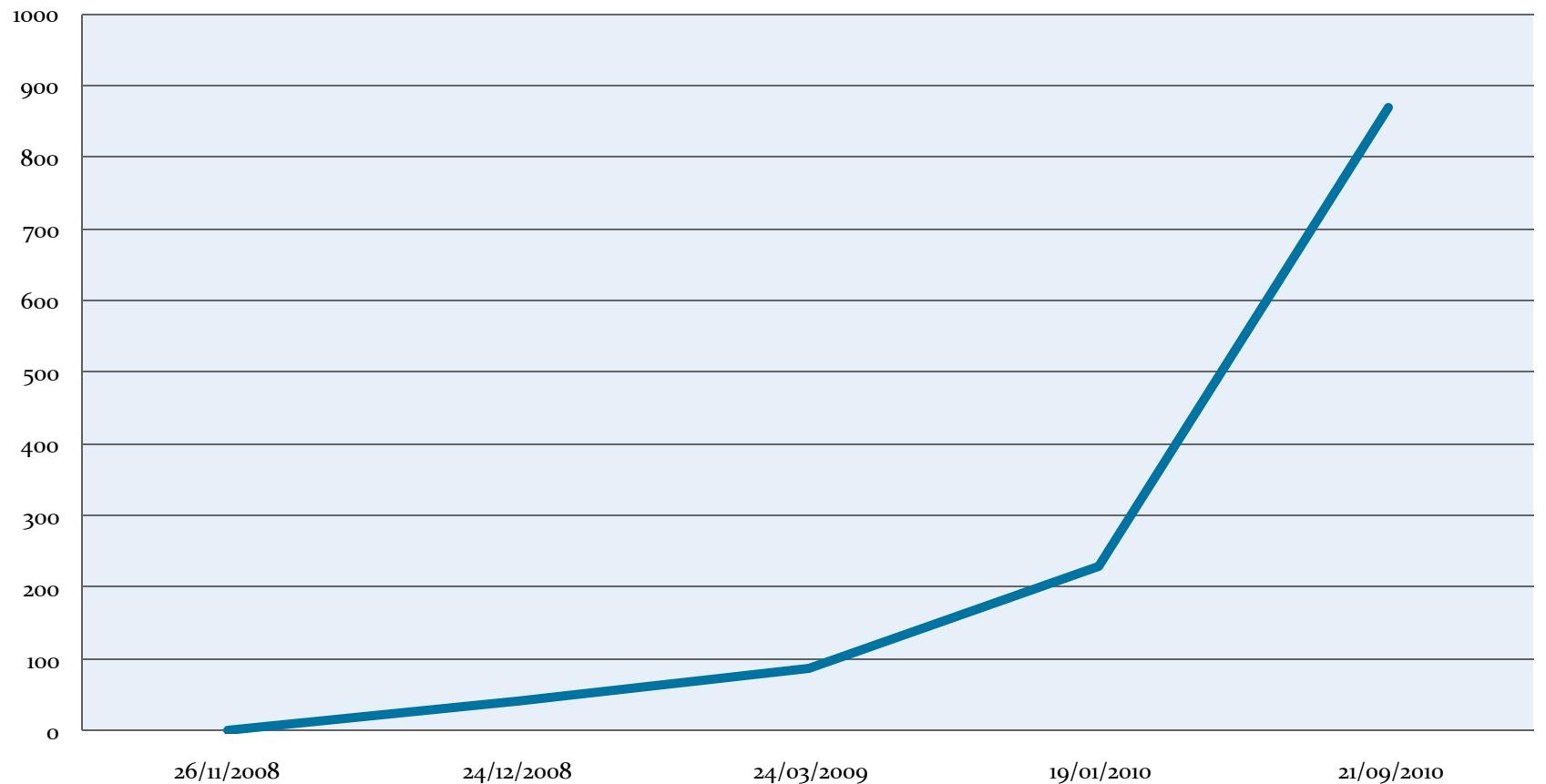
Nicolay, S., Mabille, G., Fettweis, X., & Erpicum, M. (2010). A statistical validation for the cycles found in air temperature data using a Morlet wavelet-

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



# Deposit evolution for the geographers:

**Evolution of the number of references deposited in ORBi**



# 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**

**Department of  
Geology**

**Environment  
Department**

**20 geographers**

**22 geologists**

**70  
environmentalists**

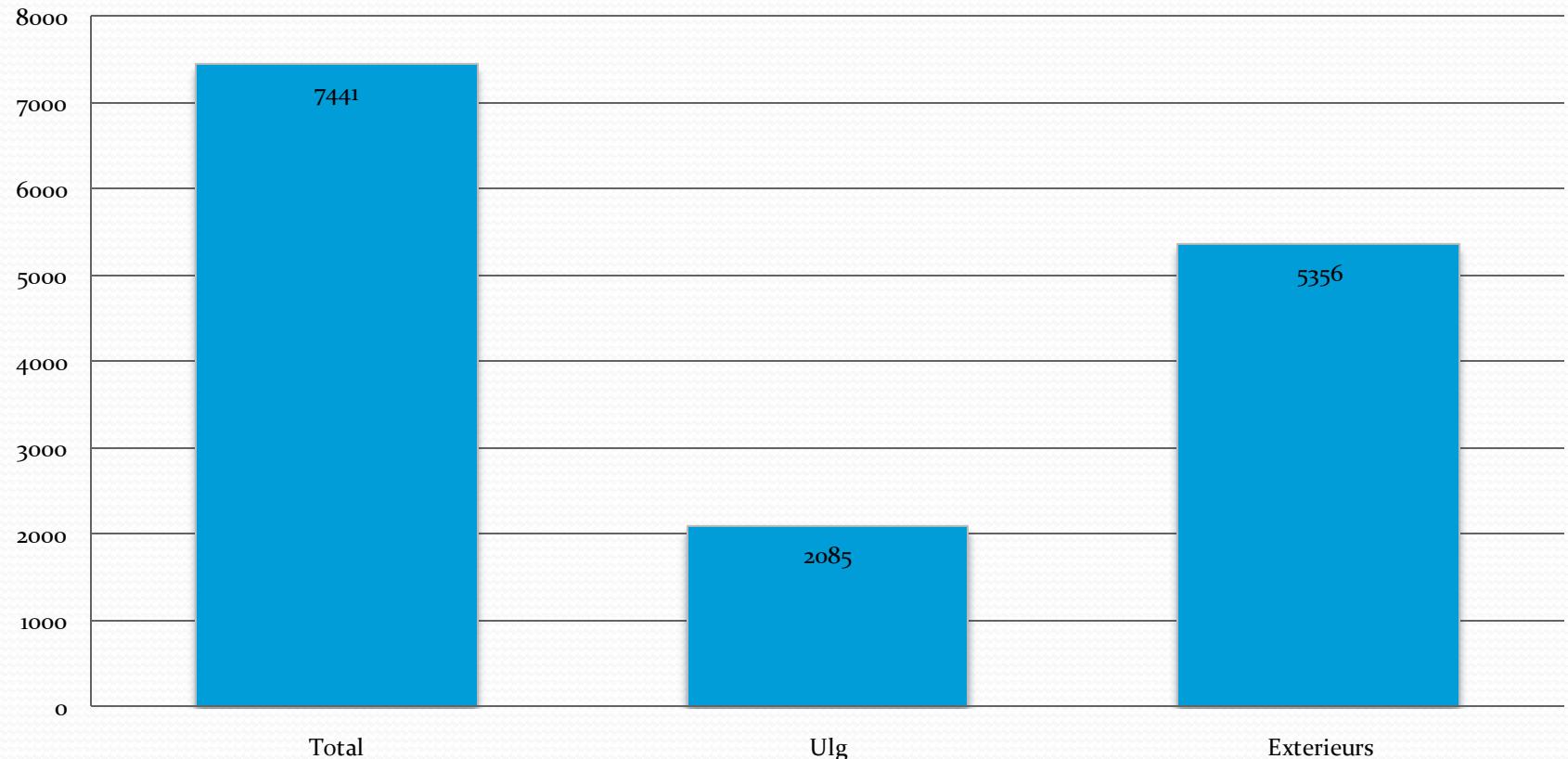
**454 ARTICLES**

**326 ARTICLES**

**770 ARTICLES**

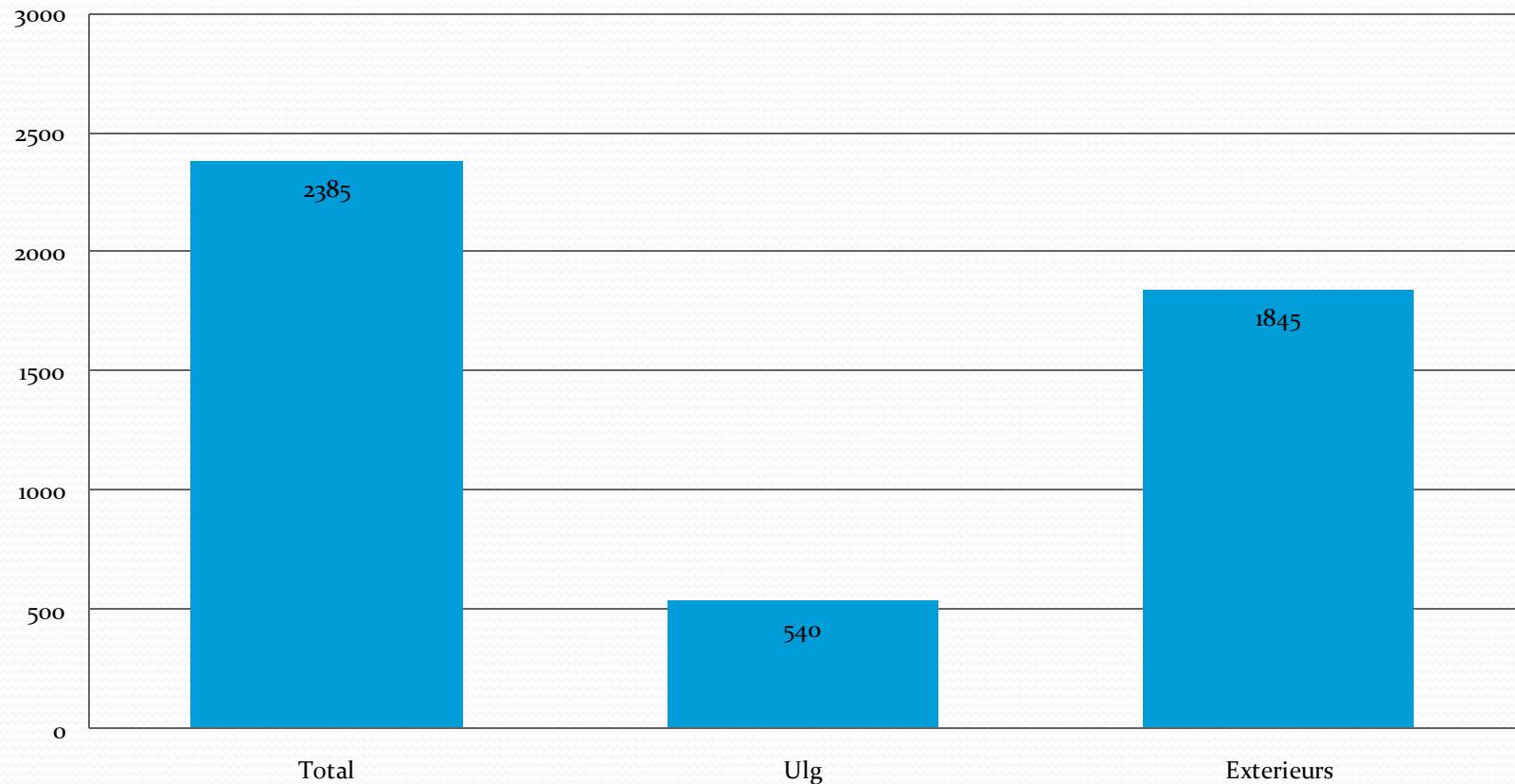
# Statistics analyzed:

**Number of visualisations for the 454 articles(thousand)**



# Statistics analyzed:

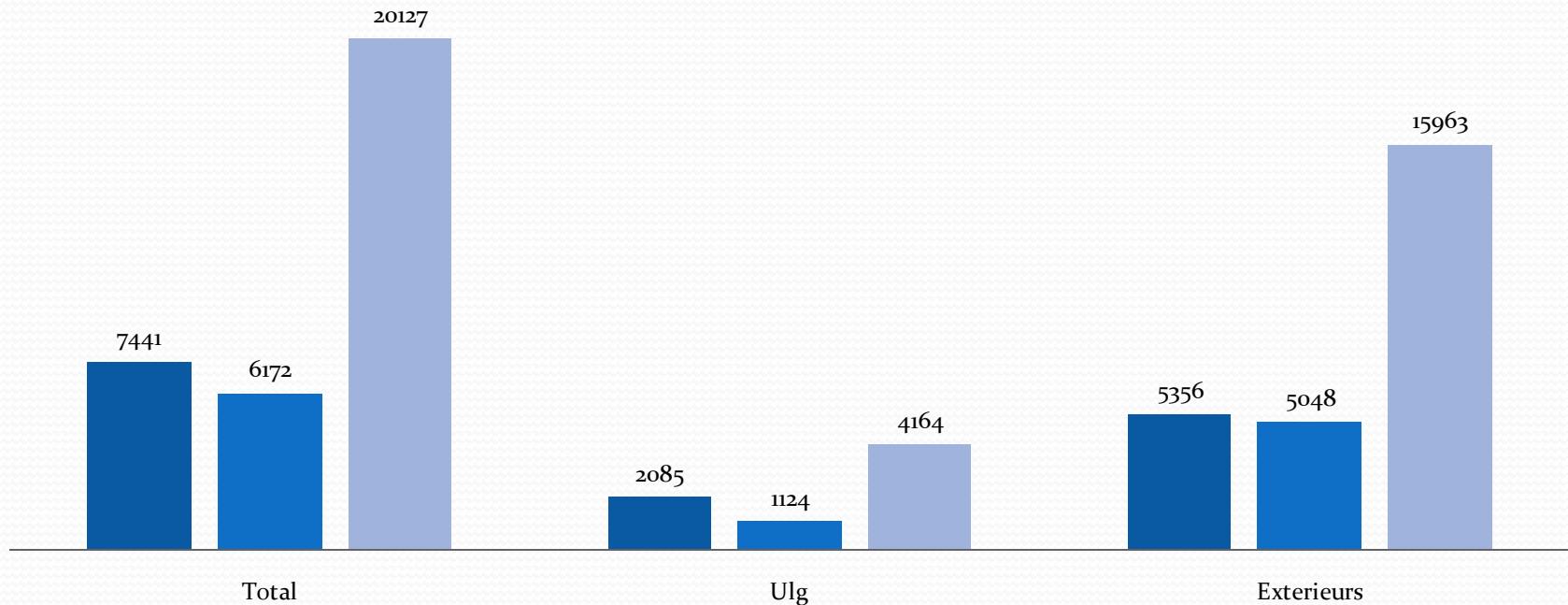
**Number of downloads for the 454 articles(thousand)**



# Comparison I:

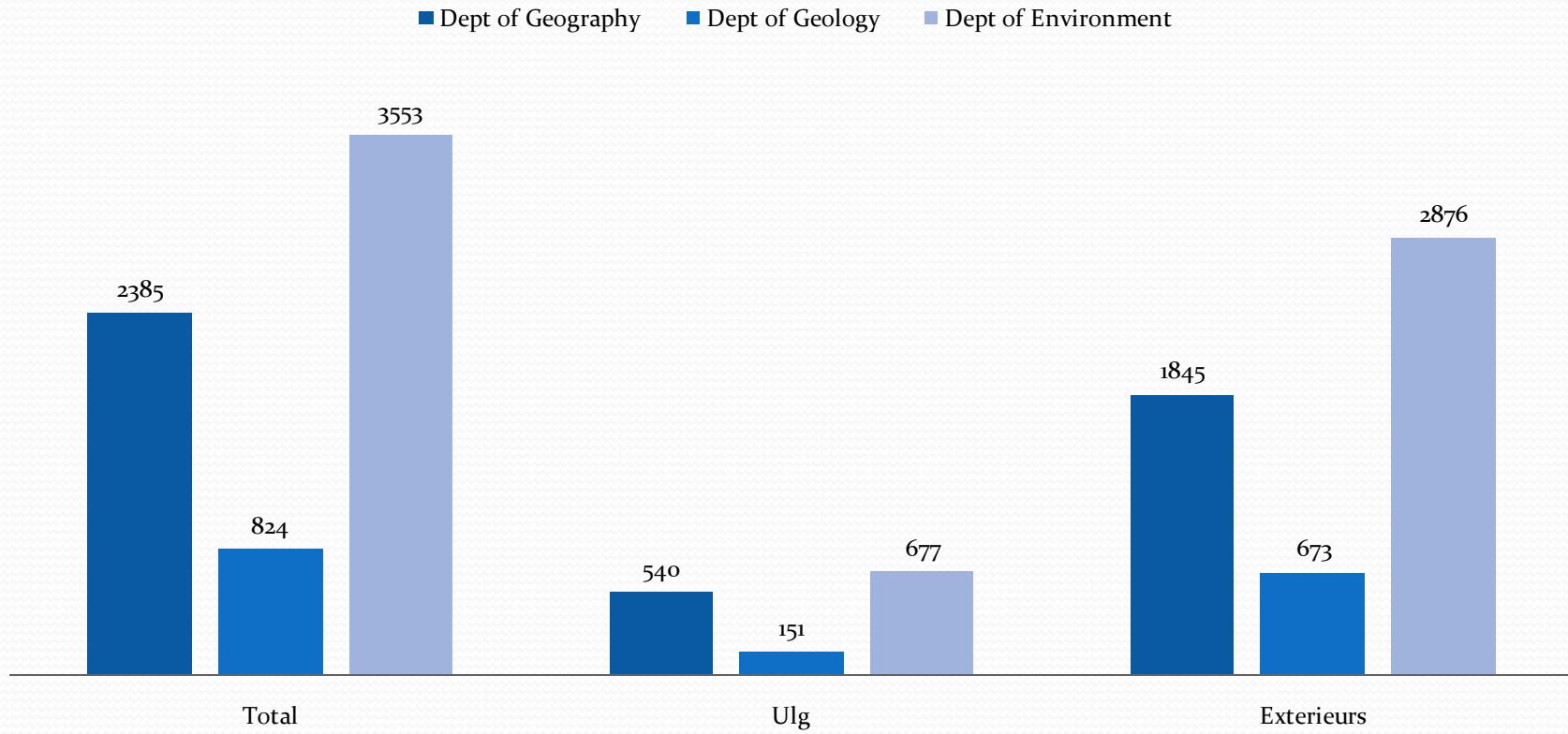
## Number of visualizations for the three departments of the Faculty of Sciences

■ Dept of Geography   ■ Dept of Geology   ■ Dept of Environment



# Comparison II:

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



# Average of visualizations and downloads

## ARTICLES



## VISUALIZATIONS



## DOWNLOADS



Geographic

16,38

5,25

Geologic

18,93

2,52

Environmental

26,13

4,61

## Articles published in a journal with an Impact Factor:

IF article	OF	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!!!**