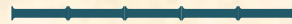


Is Open Access just for articles in STM?

Can OA books help Humanities?

The Liège Experience



**BERNARD RENTIER**

# OPEN ACCESS

*Technological innovation leaps forward quickly.*

*Mentality evolution takes much more time*

# OPEN ACCESS

- *Results from publicly funded research must be publicly available*
- *Corrolary: The costs of making it available must be covered by the public funder*
- *Scientific literature with a rapid turnover can best be spread by free on-line reading and adequate archiving*
- *Long lasting books have a different destiny*

# OPEN ACCESS

- *Books: an different story*

# OPEN ACCESS FOR HUMANITIES: THE RISKS OF SELF-EDITING BOOKS

- *Amplified by the OA movement, electronic publication initiatives have flourished*
- *Weakening of the editorial selectivity threatens the quality of publications*
- *Publication quality, peer review and archiving are at risk*
- *These threats raise new needs such as legal and technological assistance*

# OPEN ACCESS FOR HUMANITIES: THE LANDSCAPE OF SELF-EDITED BOOKS

- *Books remain more sustainable than articles*
- *Books remain more agreeable to read in print*
- *A combined « on line » and « in print » approach remains necessary*
- *Costs of publication — including skilled editing of the contents — must be covered, so reliable conditions must be set*

# OPEN ACCESS:

## THE CASE OF TEACHING MANUALS

- *Teaching manuals should be made available on line free*
- *They should allow free use and « re-use » as a whole or in parts*
- *They should be made as « liquid » publications and evolve with time*

# OPEN ACCESS: THE ULG INITIATIVE, E&E

- *Liège University is setting up an Electronic Edition Service (E&E) for the entire academic community*
- *It will be used to publish on line any type of resources, whether scientific and/or pædagogic : scientific articles , reviews, meeting proceedings, teaching aids, theses, books and reports*
- *E&E covers all technical, logistic and support needs*
- *E&E provides editorial and technological expertise*



# OPEN ACCESS PUBLICATIONS: THE PREVIOUS ULG EXPERTISE

- *Two editing houses already*
- *Portal for publication of scientific serials (PoPuPS)*
- *Institutional repository for doctorate theses (BICTEL/e ULg)*
- *Institutional repository for publications: ORBi (Open Repository and Bibliography)*

# OA @ ULG

- *Gold OA :*

- **PoPuPs** : portal for the publication of scientific journals at ULg  
<http://popups.ulg.ac.be>

- *Green OA :*

- **BICTEL/e** : institutional repository of doctorate theses at ULg  
<http://bictel.ulg.ac.be>
- **ORBi** : Open Repository and Bibliography  
<http://orbi.ulg.ac.be/>

Today (Jan 20):

57,937 references

34,992 full text (60.4 %)

#### Search ORBi:

#### Advanced search

##### • MyORBi

#### Browse ORBi by

- Author
- Title
- Issue year
- Journal title
- Document type
- Discipline

#### ORBi project

- Background
- Content
- Benefits and challenges
- Legal aspects
- Functions and services
- Team

#### The Open Access movement

- Overview
- Open Access at the ULg
- Webbibliography

ORBi is a project of



#### News ORBi and Open Access

[All news](#)



##### Publication of the report : the development of open archives in France (in French).

03/11/2010

This report presents the results of a research project carried out in 2009 at the University of Charles-de-Gaulle Lille 3. Its objective: to evaluate the results of the policy in favour of open archives in

France.

[More info...](#)



##### International Open Access Week (from October 18 to 24)

14/10/2010

Open Access just a footnote? For the 4th consecutive year, the international research community is communicating and acting in favour of Open Access.

[More info...](#)



##### Some OA news in brief

21/09/2010

→ ORBi has passed the landmark of **50,000 referenced** publications, of which **30,000 are with full text**, and with significant user statistics (see the [ORBi statistics](#)).

→ **8 new institutions** have since June registered their mandatory self-archiving policy at ROARMAP - [More info](#).

→ The 4th edition of the **Open Access Week** will take place from October 18 to 24, 2010.

→ A **bibliography** on the different aspects of the Open Access movement (disciplinary and institutional archives, author's rights, OAI-PMH, etc.) has just been compiled by Charles W. Bailey, Jr. It covers the 1999-2010 period.

#### ORBi (Open Repository and Bibliography)

In may 2007, the ULg's Administrative Board (joined in June 2007 by the [FUSAGx](#)) decided to create an institutional repository and defined a strong institutional self-archiving policy to increase the visibility, accessibility and impact of the University's publications ([Board's decision](#)).

This decision led to the official launch, in November 2008, of the ORBi platform including both the Academic Bibliography and the Institutional Repository of the Wallonia-Europe University Academy.

[More info ...](#)

#### Disciplines in ORBi

- Arts & humanities [5366]
- Business & economic sciences [1456]
- Engineering, computing & technology [7644]
- Human health sciences [12088]
- Law, criminology & political science [2733]
- Life sciences [13654]
- Physical, chemical, mathematical & earth Sciences [9056]
- Social & behavioral sciences, psychology [5981]

#### Recently added

→ Gillet L, Vanderplasschen Alain - Viral subversion of the Immune system

→ Dauby Patrick, Scalteur Yves, Chapelle Gauthier,... - Potential impact of the main benthic amphipods on the eastern Weddell Sea shelf ecosystem (Antarctica)

→ Marlier Didier - Etude des souches amyxomateuses du virus de la myxomatose et de leur rôle dans l'étiologie des maladies respiratoires du lapin

[Today](#)

[Last 7 days](#)

#### In practice

**53066** references in ORBi (**31906** with full text)

[More statistics](#)

[First steps with ORBi](#) : Practical information for the submitters

[Training sessions ORBi](#)

#### RSS feeds

Most recent references in ORBi

[RSS 1.0](#) [RSS 2.0](#)

Today (Jan 20):

57,937 references  
34,992 full text (60.4 %)

## ORBi and Open Access News

All news



### Survey on effects of self-archiving and author experiences 09/02/2011

As part of a research project conducted by students at the University of Uppsala (Sweden), we invite you to participate in an online survey on the impact of Open Access. Focus will be on what changes can be noticed by the single researcher with the shift from non-OA publishing of research articles to self-archiving.

Link to the survey : <https://survey.mamut.com/s?s=20424> (until March 2nd 2011)

Thank you for your contribution!



### ORBi: new functionalities for ULg researchers 08/12/2010

- A **widget** enabling references from ORBi to be integrated into web pages, in a dynamic way and in the presentation format you like.
- The addition of a new **type of document** : "E-Prints/Working Papers".
- In reports in an html format, possibility to add a **bibliometric summary** (h-index, ...).
- Possibility to customize the link towards publications found in the **ULg directory** and in the **Browse by author** via your MyORBi.
- Deactivation of **contextual aid** for a whole working session whilst encoding in MyORBi.



### Open Access boosts your citations! 02/12/2010

For a researcher the increased impact of their work is a benefit of great significance amongst the numerous advantages offered by Open Access. Proof of this is that the **citation rates** of publications deposited in institutional repositories or other open archives is rising sharply.

[More info...](#)

## ORBi (Open Repository and Bibliography)

In may 2007, the ULg's Administrative Board (joined in June 2007 by the FUSAGx ) decided to create an institutional repository and defined a strong institutional self-archiving policy to increase the visibility, accessibility and impact of the University's publications (Board's decision).

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[More info ...](#)

## Disciplines in ORBi

- Arts & humanities [5834]
- Business & economic sciences [1513]
- Engineering, computing & technology [8092]
- Human health sciences [13137]
- Law, criminology & political science [2945]
- Life sciences [15207]
- Physical, chemical, mathematical & earth Sciences [10064]
- Social & behavioral sciences, psychology [6315]

Today (Jan 20):

57,937 references

34,992 full text (60.4 %)

## ORBi : General Statistics



Only the hits/downloads carried out by individuals are considered. The hits/downloads carried out by the tens of thousand of search engine robots (crawlers) have been ruled out.

The statistics are updated every night. Last update: **20/02/2011 2:42**

Evolution

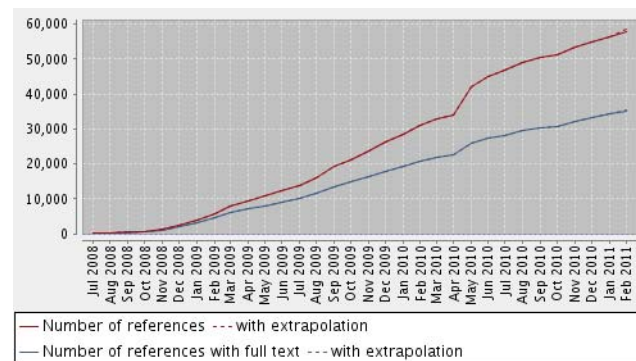
se

Global Top 20

Last 30 days

### Evolution of the total number of references archived on ORBi (cumulative)

Month	Number of references	Number of references with full text
July 2008	216	178
August 2008	338	293
September 2008	449	392
October 2008	579	510
November 2008	1188	974
December 2008	2453	1926
January 2009	4064	3283
February 2009	5687	4490
March 2009	7955	6156
April 2009	9497	7151
May 2009	10688	8007
June 2009	12336	9038
July 2009	13718	10076
August 2009	15961	11580
September 2009	19209	13414
October 2009	21192	14804
November 2009	23633	16483
December 2009	26237	17845
January 2010	28653	19350
February 2010	30899	20712
March 2010	32824	21871
April 2010	34123	22611
May 2010	41999	25772
June 2010	44993	27297
July 2010	46674	28062
August 2010	49111	29503
September 2010	50509	30338
October 2010	51378	30867
November 2010	53517	32176
December 2010	54869	33078
January 2011	56521	34304
February 2011	57910	34967



### Distribution of references in ORBi by type of document

# ORBi: A MANDATE ?

- *The Mandate « à la liégeoise »: a stick*
  - ORBi generates automatically a report that can be downloaded directly by ULg Academic Authorities
  - ORBi generates automatically a report that is the sole official document for evaluations at ULg
    - *promotions*
    - *grant proposals*
    - *etc.*
  - The ORBi website is accessible to all, it can be sorted, among other criteria, by author names
  - The ULg institutional phonebook is linked directly to ORBi

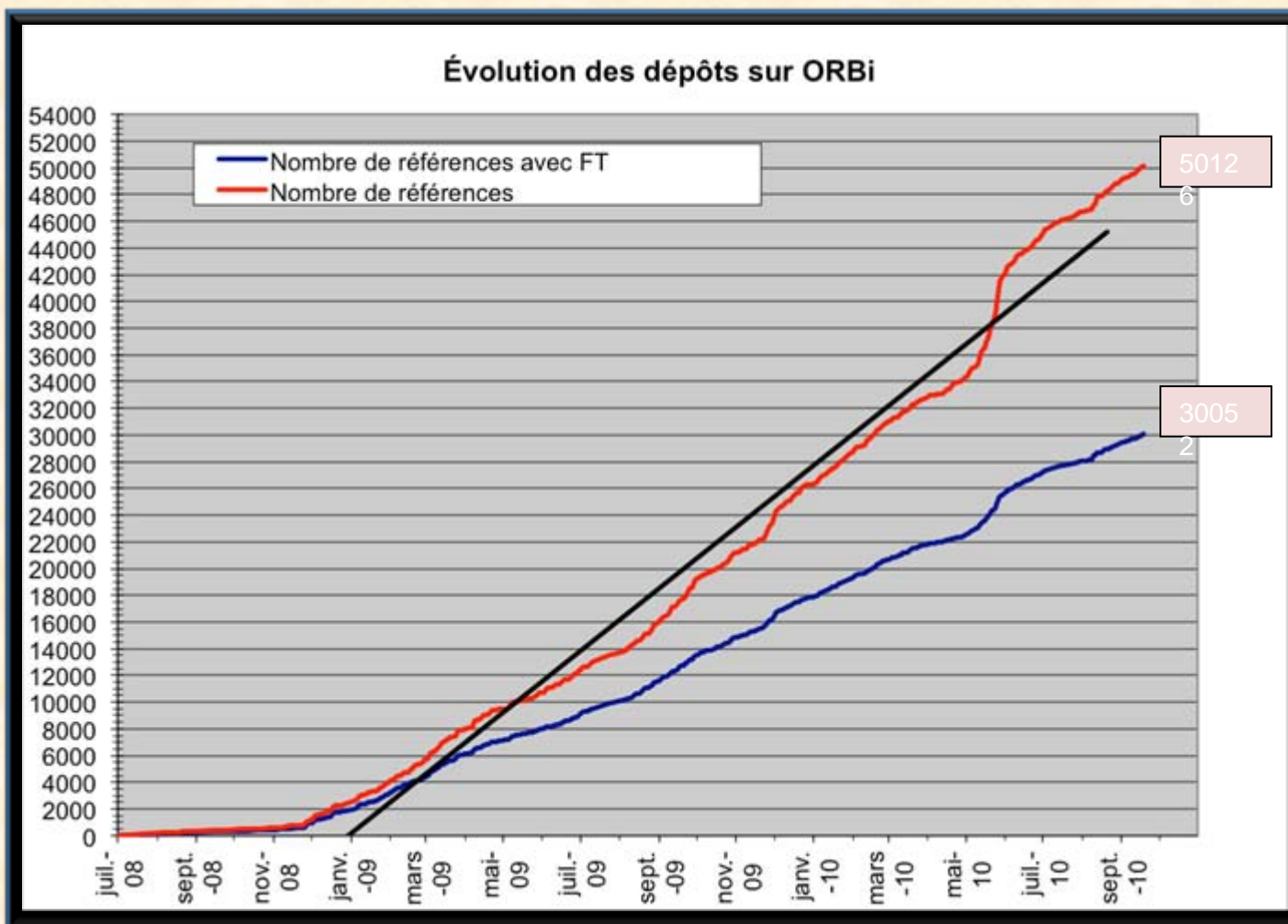


# A MANDATE ?

- *The Mandate « à la liégeoise »: a carrot*
  - ORBi publishes permanent statistics of consultation
  - ORBi publishes a « hit parade » of most consulted authors and most downloaded articles, etc.
  - ORBi has direct links to any citation of the articles it contains
  - The automatic report generated is nicely and logically presented, according to the traditional values of the major research sectors. It can be used as a publication list for CVs and can be printed in an updated version, at any time
  - Increases considerably the readership of an article
  - Increases citations of an article
  - Provides a second life to older articles

# DID WE WIN THE GAMBLE?

*Well over our highest hopes !*





# ORBI: THE WINNING MOVE

- *Added value Service*

- Legal assistance

- *Detailed legal Guide*
    - *Automatic links to Sherpa/ROMEO (publishers' policies)*
    - *Legal toolbox (models of letters to publishers and of legal texts or text modifications to keep or recover diffusion rights,...)*

- Active hotline

- *A question ? An accurate answer within 24 h (including during the WE...)*

# ORBI: THE WINNING MOVE

## ○ *Added value Service*

- « Whatever happened to this paper ? Where is it filed ? »  
(new PC, new lab, many versions,...)
- Visualisation & downloads
  - *Only by humans (exclusion 20.000 spiders,...)*
  - *Distinguishing « at ULg » & « outside ULg »*
  - *Per reference, per author, globally, per month, per country, top 20,...*
- Impact Factor (current + the year of publication), IF5, Eigen Factor, article Influence
- Citations (Weekly): Google Scholar, WOS
- h-Index

# ORBI: THE WINNING MOVE

## ○ *Added value Service*

### – Automatic generation of Reports

- *Multiple use (CV, applications, web link,...)*
- *Multiple formats (PDF, HTML, DOC, XML...)*
- *Disciplinary presentation templates designed with representatives of academic sectors*
- *Personalisation*
  - Different bibliographic formats (APA, Chicago,...)
  - Other additions (optional): bibliométrics, abstracts, peer review assessment,...

### – Widget : Dynamic integration in Web pages

# ORBi: THE WINNING MOVE

- *Awareness*

- Direct link with the University Phone Book
- ORBi sends around 12,000 e-mails per month to co-authors (agreement, signatures,...)
- Emulation

# THE ORBI ADVANTAGE

- *Increase in readership*
  - Average number of downloads for references 2008-2010:
    - *9.8 times more for papers in OA than in restricted access (RA)*
    - *17.6 times more if downloads inside ULg are removed*

(measured in september 2010 on 54,476 downloads of 11,814 references)

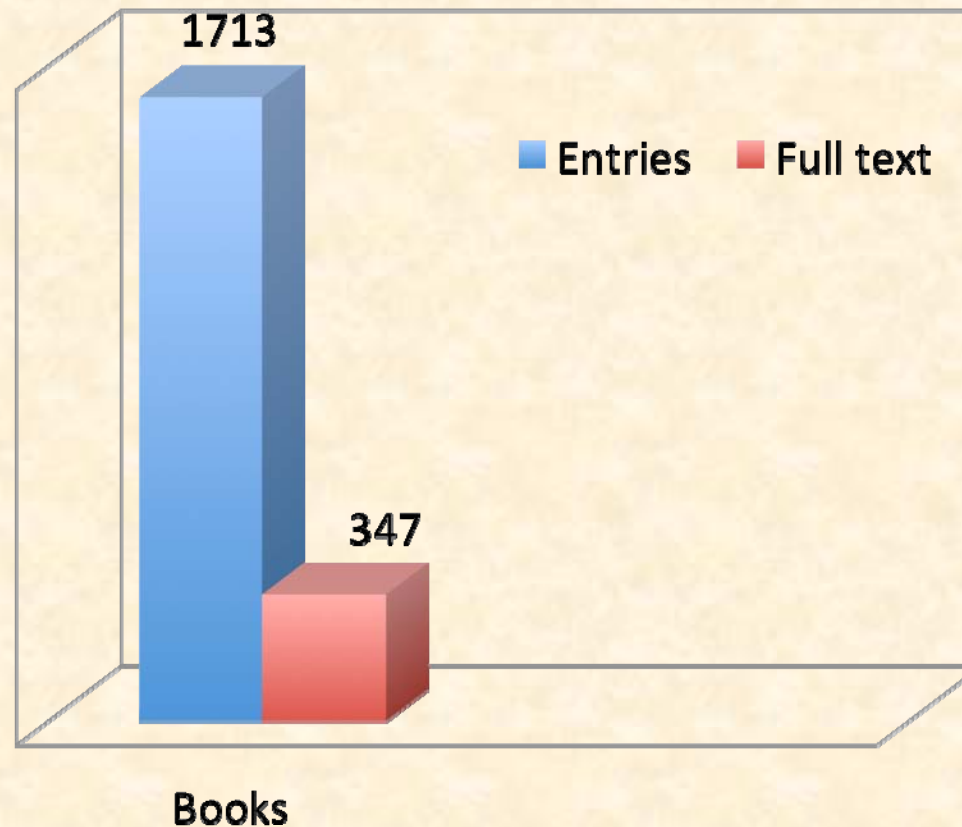
<http://orbi.ulg.ac.be>

# ORBI : A COMPLETE SUCCESS ?

- *Still incomplete*
- *Still too many filing errors (13 %)*
  - Typos, mistakes in titles, misspellings, etc.
  - 1 % Fraud (mostly in the order of authors)

# ORBI : WHAT ABOUT BOOKS ?

**Number of documents to-date:  
58,000 – 35,000 full text**



# E&E: A ULG INITIATIVE

- *4 areas of development :*
  - Electronic publishing
  - Editing management
  - Repositories
  - Competencies
- *All tools can be used*
- *New areas must fit with previous ULg initiatives (PoPuPs, ORBi...)*
- *New operating group*
- *New CMS platform (Content Management System )*



# E&E: A ULG INITIATIVE

- *Language :*

- XML (Extensible Markup Language)  $\neq$  HTML (Hypertext Markup Language)
- XML + MathML

- *Recording format :*

- DocBook

- *Tools :*

- 1. create an XML document out of the author's production,
- 2. transform it in one or several format(s) displayable through a webbrowser,
- 3. transform it in a printable format,
- 4. produce metadata.

# E&E: A ULG INITIATIVE

- *Should we go further ?*
  - Liquid publications ?
  - See the *Flat World Knowledge* experience (<http://www.flatworldknowledge.com>)
    - *Publish works (mostly manuals) directly in OA*
    - *Propose print versions at a reasonable price*
    - *Allow users to modify the contents, select chapters, add chapters, include comments, add text, etc.*
    - *Texts live and evolve as a flow rather than remaining rigid forever*

# E&E: A ULG INITIATIVE

- *2 year Budget: 160 K€*
  - 1st year: 60 K€ - 1 person, university level, + expenses
  - 2<sup>nd</sup> year: 100 K€ - - 2 persons, university 1 Non-u level, + expenses



# EOS

*ENABLING OPEN SCHOLARSHIP)*



# EOS (*ENABLING OPEN SCHOLARSHIP*)

- *A collective coaching tool for institutions wishing to set up a repository*
  - Informations
  - Tips
  - Dos and don'ts
  - References
  - Statistics
  - News and Views
  - Legal aspects
  - Etc.



# EOS : THE BOARD

Bernard RENTIER (Chairman), *U. Liege, Belgium*

Tom COCHRANE, *QUT, Brisbane, Australia*

William DAR, *ICRISAT, Hyderabad, India*

Stevan HARNAD, *UQAM, Montréal, Québec & U. Southampton, UK*

Keith JEFFERY, *Sci & Tech Facilities Council, Swindon, UK*

Sijbolt NOORDA, *VSNU, The Netherlands*

Stuart SHIEBER, *Harvard U., Cambridge, USA*

Ian SIMPSON, *U. Stirling, UK*

Peter SUBER, *Harvard U., Cambridge, USA*

John WILLINSKY, *Stanford U., U. British Columbia & Simon Fraser U., USA*

Alma SWAN (Convenor), *Key Perspectives Ltd, Truro, UK*





[www.openscholarship.org](http://www.openscholarship.org)



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## Who are we & why this website ?



### What is EnablingOpenScholarship

EnablingOpenScholarship (EOS) is an organisation for universities and research institutions worldwide. The organisation is both an information service and a forum for raising and discussing issues around the mission of modern universities and research institutions, particularly with regard to the creation, dissemination and preservation of research findings.

The aim of (EOS) is to further the opening up of scholarship and research that we are now seeing through the growing open access, open education, open science and open innovation movements.

These, and other, 'open' approaches to scholarship are changing the way research and learning are done and there are profound implications for universities and research institutions. EOS has been established to help guide developments and to assist others in understanding the issues and their implications.

The **context** in which EOS has been established is that of increasing interest from governments, funders and the research community itself in opening up the way research is carried out and communicated. This interest is complemented by new research practices and processes that can work effectively only in an open, collaborative environment.

Our first meeting was held at the University of Liege on 18 October 2007 (**The Liege Convention**) and subsequent meetings have furthered the development of the organisation and enabled planning for the future.

This website will report on developments of relevance to

## News

**01/10/2009 - EOS is endorsed by euroCRIS**  
euroCRIS, the international organisation dedicated to developing standards, processes and policies for Current Research Information Systems has issued a statement of support for EOS.

**29/09/2009 - JISC endorses EnablingOpenScholarship**  
JISC, the UK's Joint Information Systems Committee, has released a statement of support for EOS.

**17/09/2009 - PLoS adds individual article metrics to its journals**  
The Public Library of Science is to add usage and esteem metrics to the articles published in all its journals. The data are found under a new tab called 'Metrics' on each journal article.

**14/09/2009 - A network of institutional repositories in Latin America**  
A new project to establish institutional repositories in countries across Latin America has begun under the auspices of CLARA (Cooperación Latino Americana de Redes Avanzadas).



# EOS (*ENABLING OPEN SCHOLARSHIP*)

- *Membership fee (to support operating expenses)*
  - 500 € / yr (institutional)
  - 50 € / yr (individual)

*[www.openscholarship.org](http://www.openscholarship.org)*



*Thank you !*

