



Scholarly Publishing & Open Access in Greece: Warming up ?

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- Scholarly publishing in Greece
- OA background in Greece
- OA publishing: journals & books
- Repositories & Digital Collections
- Harvesters & Registries
- Business models
- University of Patras OA role
- Future challenges
- Conclusions

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Scholarly publishing in Greece: Paperback writer (1)

- Books: Exclusively (almost) print format

Table 1. Book titles production per year, subject and language

Subject	2002	2003	2004	2005	2006	2007
Humanities*	2.037	2.077	2.223	2.290	2.422	2.421
Natural & Applied Sciences **	593	676	632	619	622	587
Literature	1.720	1.766	1.782	1.925	2.011	2.081
Children books	1.479	1.481	1.722	1.822	2.115	1.781
School & educational books	907	627	611	474	803	775
Art	420	451	571	537	686	726
Other ***	737	902	998	943	985	1.192
Total	7.893	7.980	8.539	8.610	9.644	9.563

Source: National Book Center of Greece (EKEBI), 2007

* Includes law, political & economical sciences, education

** Includes medicine

*** Travel guides maps, gastronomy, practical guides etc.

- e-books: Only 3 publishers with relative initiatives reported so far

Scholarly publishing in Greece: Paperback writer (2)

- Journals

Table 2. Greek "scientific" journals overview

Subject	Total titles	Peer review titles	Titles in Digital format (full text)
STM	120	85	62
Humanities	191	74	38
Total	311	159	100

Table 3. Peer review journals – Publishing bodies

Subject	Peer review titles	Types of Publishing Bodies				
		Academic	National/ Government	Private	Research	Societies
STM	85	10	2	7	5	61
Humanities	74	14	5	22	12	20
Total	159	24	7	30	17	81

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OA background in Greece: A thin line between love & hate

- Pioneers
 - National Documentation Center: Journals Union Catalog, Archive of PhD Theses (1980s)
 - First bibliographic databases: ARGO, IATROTEK (early 90s)
 - First Greek IR – University of Crete (1997 – Dienst)
- The boost
 - HEAL-Link Consortium (1999)
 - First Greek Signatory of the Berlin Declaration: National Hellenic Research Foundation (2003)
 - First OAI collections (2004): Kosmopolis - University of Patras, Digital Collections of Aristotle University of Thessaloniki, University of Macedonia
 - First OAI Harvester: openarchives.gr (2006)
 - Pilot version of the [Directory of Greek Digital Resources](#) (2008)
 - The University of Patras becomes the 4th Greek Signatory of the Berlin Declaration (2009) after University of Macedonia (2006) and Alexander Technological Educational Institute of Thessaloniki (2007)

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OA journals: Pacemaker (1)

Table 4. Online Full Text Publication Types & Subjects

Subject	Online Full Text Titles		Publication Types													
			e-Journals				Journals in Print & Web				Journal Digital Archives					
	Peer Review		Peer Review		Peer Review		Peer Review		Peer Review		Peer Review		Peer Review			
Total	OA	Total	OA	Total	OA	Total	OA	Total	OA	Total	OA	Total	OA	Total	OA	
STM	62	51	57	48	20	20	20	20	19	15	19	15	23	16	18	13
Humanities	38	29	29	22	8	7	7	7	13	6	11	5	17	16	11	10
Total	100	80	86	70	28	27	27	27	32	21	30	20	40	32	29	23

- The majority of online titles is OA
- All (but one) exclusively e-journals are OA
- 40% of OA titles in Medicine
- Significant presence of Print & Web model and Archiving initiatives

OA journals: Pacemaker (2)

Table 5. Online Full Text Publication Types & Publishing Body Types

Publication Type	Publishing Body Types										
	Academics		National / Government		Private		Research		Societies		Total
	Total	OA	Total	OA	Total	OA	Total	OA	Total	OA	
e-journals	10	10	1	1	4	3	4	4	9	9	28
Print & Web	2	2	1	1	10	5	4	3	15	10	32
Archives	3	2	3	3	7	6	3	2	22	17	40
Total	15	14	5	5	23	16	11	9	46	36	100

- Scientific and professional Societies seem to be more active in digital publishing, than other types of organizations, while at the same time they lead the race in exclusively e-journals publishing along with the academic institutions.
- Private publishers, are still oriented to print & web publications, although they keep gaining ground as they currently hold a significant share of the total online market (23%). The most important fact is that they almost **double** their online publications (of any type) since last March (13 titles) with almost half of them OA!

OA journals: Pacemaker (3)

Table 6. Greek OA e-journals in DOAJ

No	Journal Title	Publishing Body
1	Biology of Exercise	University of Pelopponisos
2	Cancer Therapy	Cancer Therapy
3	e-Journal of Science & Technology, (e-JST)	Technological Educational Institute of Athens
4	e-Perimetron	Academy of Athens
5	Gastric & Breast Cancer	University of Ioannina
6	Hellenic Open University Journal of Informatics	Hellenic Open University
7	Intellectum	INTELLECTUM
8	Journal of Biological Research (JBR)	Aristotle University of Thessalonica
9	Journal of Engineering Science and Technology Review	Technological Educational Institute of Kavala
10	Mediterranean Marine Science Journal	Hellenic Marine Research Center
11	Tourismos	Aegean University
12	Inquiries in Sport & Physical Education	Hellenic Academy of Physical Education
13	To Vima tou Asklipiou	Technological Educational Institute of Athens
14	Choregia	University of Pelopponisos

OA journals: Pacemaker? Yes but with problems... (4)

- still no compliance with open standards and technologies: OAI-PMH, metadata schemas, standardized software (like OJS), etc.
- poor services for the users: search and retrieval, browsing by various fields, quality of the digital content
- unspecified business models, which are essential for the viability of the publication
- unspecified short or long term preservation policies and practices

OA e-books: A slow train coming...

- Only two systematic initiatives have been reported so far
 - [eBookShop platform](#) (partially)
 - [John S. Latsis Public benefit Foundation – Electronic Library](#)
- Non systematic cases concern wider digitization projects run by academic and non-profit bodies with archival material (including books)

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Repositories: Keep on running (1)

- Rapid growth of Academic OAI IRs. (15 out of the total 33 Academic Institutions run their own OAI IR)
- Concerning the rest of the Academic Institutions, some of them are already in a transition phase to a new OAI IR, some are rather new institutions and they hardly have any data/content at all, and some are rather small ones with limited resources to develop and maintain such a service.
- Absence of Research Centers and Institutions IRs in the relevant list where only **Helios**, the IR of the National Hellenic Research Foundation is listed.

Table 7. Greek Institutional Repositories

No	Title	Organization	Content	Software	Items*
1	Bibliotheca	Technological Educational Institute of Crete	Grey Literature	-	3000
2	E-Locus	University of Crete	Grey Literature, Archives	Keystone	3000
3	EPRINTS server of the Computational Systems & Software Engineering Laboratory	University of Macedonia	Grey Literature	Eprints	43
4	Anaktisi	Technological Educational Institute of Western Macedonia	Grey Literature	Eprints	43
5	Grey Literature of the Aegean University	Aegean University	Grey Literature	Custom/ Commercial	-**
6	Grey Literature of TEI of Serres	Technological Educational Institute of Serres	Grey Literature	Dienst	-**
7	AUTH Digital Collections	Aristotle University of Thessaloniki	Grey Literature, Archives, Special Collections	CDS Invenio	111227
8	Estia - Digital Repository of Harokopio University	Harokopio University of Athens	Grey Literature	Dspace	817
9	Eureka!	Technological Educational Institute of Thessaloniki	Grey Literature, Archives, Journals Articles	Dspace	1049
10	Helios: Repository of the National Hellenic Research Foundation	National Hellenic Research Foundation	Grey Literature	Dspace	3825
11	Psepheda	University of Macedonia	Grey Literature, Archives, Journals Articles, Special Collections	Dspace	11460
12	DSpace at NTUA	National Technical University of Athens	Grey Literature, Archives, Journals Articles, Special Collections	Dspace	2729
13	Dpt of Electrical & Computer Engineering: Repository	Aristotle University of Thessaloniki	Grey Literature	Eprints	392
14	Ktisis - Institutional Repository	Technological University of Cyprus	Grey Literature	Dspace	1523
15	Nemertes - Institutional Repository	University of Patras	Grey Literature	Dspace	1694
16	Pandemos	Panteion University of Athens	Grey Literature, Archives, Journals Articles	Dspace	1126
17	Grey Literature of Democritus University of Thrace	Democritus University of Thrace	Grey Literature	Dienst	-**
18	Grey Literature of Technical University of Crete	Technical University of Crete	Grey Literature	Dienst	-**
19	Digital Library of the University of Piraeus	University of Piraeus	Grey Literature, Archives, Journals Articles	Dspace	2804
20	Digital Library of the University of Ioannina	University of Ioannina	Grey Literature, Archives, Journals Articles	Dspace	3902
21	Pergamos Digital Library	University of Athens	Grey Literature, Archives, Special Collections	Fedora / Pergamos	116303
Total Items * (Source openarchives.gr October 2009)					264937

Digital Collections: Keep on running (2)

- Massive digitization projects during the last 5 years
- More than 200 active digital resources with various content
- 19 OAI-PMH digital collections with about 180.000 items (by October 2009) – Mainly run by Academic or Research bodies
- More than 60 resources with OA to their content although non compliant with OAI-PMH

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Harvesters & Registries: Come together

- [Directory of Greek Digital Resources](#)
 - Pilot operation since 2008
 - Collects information (operational & technological) from
 1. Bibliographical databases
 - Library catalogs, Bibliographies, Journal articles
 2. Digital Collections
 - journals archives, texts & articles collections, images & multimedia collections
 3. Institutional Repositories
 - Grey Literature, Publications, Educational material, Archives
 4. E-journals (fully e-published)
 5. Experimental & Research data collections
- [Openarchives.gr](#)
 - “Private” OAI Harvester since 2006
 - Currently harvests data from 38 resources in Greece & Cyprus

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Business models: Who's paying the ferryman?

- Current major players in Digital Scholarly Communication & OA: societies and academic institutions
- Private publishers still not in the game of e-publishing (*few exceptions in medicine and law*), but they are getting there really fast
 - OA: Are you talkin' to me?
- Main funding sources : public funding and sponsoring
 - Secondary sources: membership and ads for societies
 - Subscriptions for Scholarly Journals is not a considerable income (maybe with the exception of some medicine and law titles)

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University of Patras OA role: On the sunny side of the street

University of Patras OA Digital Publishing Initiatives

Title	Type	Description	Year	Software
Kosmopolis	Journals Archives	Fourteen 19 th and early 20 th century literature journals http://xantho.lis.upatras.gr/kosmopolis/	2004	OJS
Pleias	Journals Archives	36 various 19 th and early 20 th century journals http://xantho.lis.upatras.gr/pleias/	2007	OJS
Dexameni	Journals Archives (current)	Digital storage of current titles (2 currently) http://xantho.lis.upatras.gr/dexameni/	2008	OJS
Daniilida	Journals Archives	Old journals published in the area of Patras	2009	OJS
Nemertes	Institutional Repository	Mainly grey literature (MSc & PhD theses) http://nemertes.lis.upatras.gr/	2005	DSpace
Electra	E-journal	http://electra.lis.upatras.gr/	2008	OJS
Society & Theory	E-journal	http://societyandtheory.lis.upatras.gr/	2009	OJS

University of Patras OA role: On the sunny side of the street

OA recommendation policy for self archiving (June 2009)

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Supporting SCOAP3 initiative

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Future challenges

- Spin-off cases coming up from completed projects (2000-2008) particular in e-publishing
- New major programs and projects with EC and national funding. Already on the way:
 - Digitization , indexing and storage of the majority of Greek Journals (old and current ones)
 - OA e-books
- More academic e-publishing initiatives....
- ..along with similar efforts from private publishers
 - We expect (?) to see important collaborations between the academic/research bodies and the traditional publishers and/or information services providers

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Conclusions....

It's getting better all the time, but....

- Publishers & Editors still have significant ignorance of OA principles, policies and technologies
- Little automation in e-publishing
- Private publishers still out of the OA game
- Authors issues/“problems”
 - Small but considerable and increasing recognition and acceptance for OA in personal and institutional level
 - SCI and Impact factor more important than OA
 - Not aware and/or confused by the various OA policies set up by journals, funding bodies and institutions
 - Difficulties and unwillingness to pay the author fee
 - Not fully aware (or care?) about their rights to self archiving and/or deposit to IRs
- Not a serious national policy yet for publishing in Greek language or for OA publishing