Scholarly Publishing & Open Access in Greece: Warming up?

Panagiotis Georgiou panos@lis.upatras.gr
Fieroula Papadatou fiori@lis.upatras.gr

University of Patras, Greece
Library & Information Center
http://www.lis.upatras.gr/

Berlin 7 Open Access Conference, 2-4 December 2009, Panthéon-Sorbonne University, Paris
Contents

• 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>
<thead>
<tr>
<th>Subject</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities*</td>
<td>2.037</td>
<td>2.077</td>
<td>2.223</td>
<td>2.290</td>
<td>2.422</td>
<td>2.421</td>
</tr>
<tr>
<td>Natural &amp; Applied Sciences **</td>
<td>593</td>
<td>676</td>
<td>632</td>
<td>619</td>
<td>622</td>
<td>587</td>
</tr>
<tr>
<td>Literature</td>
<td>1.720</td>
<td>1.766</td>
<td>1.782</td>
<td>1.925</td>
<td>2.011</td>
<td>2.081</td>
</tr>
<tr>
<td>Children books</td>
<td>1.479</td>
<td>1.481</td>
<td>1.722</td>
<td>1.822</td>
<td>2.115</td>
<td>1.781</td>
</tr>
<tr>
<td>School &amp; educational books</td>
<td>907</td>
<td>627</td>
<td>611</td>
<td>474</td>
<td>803</td>
<td>775</td>
</tr>
<tr>
<td>Art</td>
<td>420</td>
<td>451</td>
<td>571</td>
<td>537</td>
<td>686</td>
<td>726</td>
</tr>
<tr>
<td>Other ***</td>
<td>737</td>
<td>902</td>
<td>998</td>
<td>943</td>
<td>985</td>
<td>1.192</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Subject</th>
<th>Total titles</th>
<th>Peer review titles</th>
<th>Titles in Digital format (full text)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STM</td>
<td>120</td>
<td>85</td>
<td>62</td>
</tr>
<tr>
<td>Humanities</td>
<td>191</td>
<td>74</td>
<td>38</td>
</tr>
<tr>
<td>Total</td>
<td>311</td>
<td>159</td>
<td>100</td>
</tr>
</tbody>
</table>

### Table 3. Peer review journals – Publishing bodies

<table>
<thead>
<tr>
<th>Subject</th>
<th>Peer review titles</th>
<th>Academic</th>
<th>National/Government</th>
<th>Private</th>
<th>Research</th>
<th>Societies</th>
</tr>
</thead>
<tbody>
<tr>
<td>STM</td>
<td>85</td>
<td>10</td>
<td>2</td>
<td>7</td>
<td>5</td>
<td>61</td>
</tr>
<tr>
<td>Humanities</td>
<td>74</td>
<td>14</td>
<td>5</td>
<td>22</td>
<td>12</td>
<td>20</td>
</tr>
<tr>
<td>Total</td>
<td>159</td>
<td>24</td>
<td>7</td>
<td>30</td>
<td>17</td>
<td>81</td>
</tr>
</tbody>
</table>
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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
  – First OAI collections (2004): Kosmopolis - University of Patras, Digital Collections of Aristotle University of Thessaloniki, University of Macedonia
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OA journals: Pacemaker (1)

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
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!

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

<table>
<thead>
<tr>
<th>Publication Type</th>
<th>Academics</th>
<th>National / Government</th>
<th>Private</th>
<th>Research</th>
<th>Societies</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total OA</td>
<td>Total OA</td>
<td>Total OA</td>
<td>Total OA</td>
<td>Total OA</td>
</tr>
<tr>
<td>e-journals</td>
<td>10 10</td>
<td>1 1</td>
<td>4 3</td>
<td>4 4</td>
<td>9 9 28</td>
</tr>
<tr>
<td>Print &amp; Web</td>
<td>2 2</td>
<td>1 1</td>
<td>10 5</td>
<td>4 3</td>
<td>15 10 32</td>
</tr>
<tr>
<td>Archives</td>
<td>3 2</td>
<td>3 3</td>
<td>3 2</td>
<td>22 17</td>
<td>40</td>
</tr>
<tr>
<td>Total</td>
<td>15 14</td>
<td>5 5</td>
<td>23 16</td>
<td>11 9</td>
<td>46 36 100</td>
</tr>
</tbody>
</table>

Berlin 7 Open Access Conference, 2-4 December 2009, Panthéon-Sorbonne University, Paris
## OA journals: Pacemaker (3)

<table>
<thead>
<tr>
<th>No</th>
<th>Journal Title</th>
<th>Publishing Body</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Biology of Exercise</td>
<td>University of Pelopponisos</td>
</tr>
<tr>
<td>2</td>
<td>Cancer Therapy</td>
<td>Cancer Therapy</td>
</tr>
<tr>
<td>3</td>
<td>e-Journal of Science &amp; Technology, (e-JST)</td>
<td>Technological Educational Institute of Athens</td>
</tr>
<tr>
<td>4</td>
<td>e-Perimetron</td>
<td>Academy of Athens</td>
</tr>
<tr>
<td>5</td>
<td>Gastric &amp; Breast Cancer</td>
<td>University of Ioannina</td>
</tr>
<tr>
<td>6</td>
<td>Hellenic Open University Journal of Informatics</td>
<td>Hellenic Open University</td>
</tr>
<tr>
<td>7</td>
<td>Intellectum</td>
<td>INTELECTUM</td>
</tr>
<tr>
<td>8</td>
<td>Journal of Biological Research (JBR)</td>
<td>Aristotle University of Thessalonica</td>
</tr>
<tr>
<td>9</td>
<td>Journal of Engineering Science and Technology Review</td>
<td>Technological Educational Institute of Kavala</td>
</tr>
<tr>
<td>10</td>
<td>Mediterranean Marine Science Journal</td>
<td>Hellenic Marine Research Center</td>
</tr>
<tr>
<td>11</td>
<td>Tourismos</td>
<td>Aegean University</td>
</tr>
<tr>
<td>12</td>
<td>Inquiries in Sport &amp; Physical Education</td>
<td>Hellenic Academy of Physical Education</td>
</tr>
<tr>
<td>13</td>
<td>To Vima tou Askliiou</td>
<td>Technological Educational Institute of Athens</td>
</tr>
<tr>
<td>14</td>
<td>Choregia</td>
<td>University of Pelopponisos</td>
</tr>
</tbody>
</table>
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>
<thead>
<tr>
<th>No</th>
<th>Title</th>
<th>Organization</th>
<th>Content</th>
<th>Software</th>
<th>Items*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bibliotheca</td>
<td>Technological Educational Institute of Crete</td>
<td>Grey Literature</td>
<td>-</td>
<td>3000</td>
</tr>
<tr>
<td>2</td>
<td>E-Locus</td>
<td>University of Crete</td>
<td>Grey Literature, Archives</td>
<td>Keystone</td>
<td>3000</td>
</tr>
<tr>
<td>3</td>
<td>EPRINTS server of the Computational Systems &amp; Software Engineering Laboratory</td>
<td>University of Macedonia</td>
<td>Grey Literature</td>
<td>Eprints</td>
<td>43</td>
</tr>
<tr>
<td>4</td>
<td>Anaktisi</td>
<td>Technological Educational Institute of Western Macedonia</td>
<td>Grey Literature</td>
<td>Eprints</td>
<td>43</td>
</tr>
<tr>
<td>5</td>
<td>Grey Literature of the Aegean University</td>
<td>Aegean University</td>
<td>Grey Literature</td>
<td>Custom/ Commercial</td>
<td>-**</td>
</tr>
<tr>
<td>6</td>
<td>Grey Literature of TEI of Serres</td>
<td>Technological Educational Institute of Serres</td>
<td>Grey Literature</td>
<td>Dienst</td>
<td>-**</td>
</tr>
<tr>
<td>7</td>
<td>AUTH Digital Collections</td>
<td>Aristotle University of Thessaloniki</td>
<td>Grey Literature, Archives, Special Collections</td>
<td>CDS Invenio</td>
<td>111227</td>
</tr>
<tr>
<td>8</td>
<td>Estia - Digital Repository of Harokopio University</td>
<td>Harokopio University of Athens</td>
<td>Grey Literature</td>
<td>Dspace</td>
<td>817</td>
</tr>
<tr>
<td>9</td>
<td>Eureka!</td>
<td>Technological Educational Institute of Thessaloniki</td>
<td>Grey Literature, Journals Articles</td>
<td>Dspace</td>
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<td>10</td>
<td>Helios: Repository of the National Hellenic Research Foundation</td>
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<td>Grey Literature</td>
<td>Dspace</td>
<td>3825</td>
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<tr>
<td>11</td>
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<td>University of Macedonia</td>
<td>Grey Literature, Journals Articles, Special Collections</td>
<td>Dspace</td>
<td>11460</td>
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<tr>
<td>12</td>
<td>DSpace at NTUA</td>
<td>National Technical University of Athens</td>
<td>Grey Literature, Journals Articles, Special Collections</td>
<td>Dspace</td>
<td>2729</td>
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<tr>
<td>13</td>
<td>Dpt of Electrical &amp; Computer Engineering: Repository</td>
<td>Aristotle University of Thessaloniki</td>
<td>Grey Literature</td>
<td>Eprints</td>
<td>392</td>
</tr>
<tr>
<td>14</td>
<td>Ktisis - Institutional Repository</td>
<td>Technological University of Cyprus</td>
<td>Grey Literature</td>
<td>Dspace</td>
<td>1523</td>
</tr>
<tr>
<td>15</td>
<td>Nemertes - Institutional Repository</td>
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<td>Grey Literature</td>
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<td>1694</td>
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<tr>
<td>16</td>
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<td>Panteion University of Athens</td>
<td>Grey Literature, Journals Articles</td>
<td>Dspace</td>
<td>1126</td>
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<tr>
<td>17</td>
<td>Grey Literature of Democritus University of Thrace</td>
<td>Democritus University of Thrace</td>
<td>Grey Literature</td>
<td>Dienst</td>
<td>-**</td>
</tr>
<tr>
<td>18</td>
<td>Grey Literature of Technical University of Crete</td>
<td>Technical University of Crete</td>
<td>Grey Literature</td>
<td>Dienst</td>
<td>-**</td>
</tr>
<tr>
<td>19</td>
<td>Digital Library of the University of Piraeus</td>
<td>University of Piraeus</td>
<td>Grey Literature, Journals Articles</td>
<td>Dspace</td>
<td>2804</td>
</tr>
<tr>
<td>20</td>
<td>Digital Library of the University of Ioannina</td>
<td>University of Ioannina</td>
<td>Grey Literature, Journals Articles</td>
<td>Dspace</td>
<td>3902</td>
</tr>
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<td>21</td>
<td>Pergamos Digital Library</td>
<td>University of Athens</td>
<td>Grey Literature, Archives, Special Collections</td>
<td>Fedora / Pergamos</td>
<td>116303</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Title</th>
<th>Type</th>
<th>Description</th>
<th>Year</th>
<th>Software</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Kosmopolis</strong></td>
<td>Journals Archives</td>
<td>Fourteen 19\textsuperscript{th} and early 20\textsuperscript{th} century literature journals <a href="http://xantho.lis.upatras.gr/kosmopolis/">http://xantho.lis.upatras.gr/kosmopolis/</a></td>
<td>2004</td>
<td>OJS</td>
</tr>
<tr>
<td><strong>Pleias</strong></td>
<td>Journals Archives</td>
<td>36 various 19\textsuperscript{th} and early 20\textsuperscript{th} century journals <a href="http://xantho.lis.upatras.gr/pleias/">http://xantho.lis.upatras.gr/pleias/</a></td>
<td>2007</td>
<td>OJS</td>
</tr>
<tr>
<td><strong>Daniilida</strong></td>
<td>Journals Archives</td>
<td>Old journals published in the area of Patras</td>
<td>2009</td>
<td>OJS</td>
</tr>
<tr>
<td><strong>Nemertes</strong></td>
<td>Institutional Repository</td>
<td>Mainly grey literature (MSc &amp; PhD theses) <a href="http://nemertes.lis.upatras.gr/">http://nemertes.lis.upatras.gr/</a></td>
<td>2005</td>
<td>DSpace</td>
</tr>
</tbody>
</table>
University of Patras OA role: On the sunny side of the street

OA recommendation policy for self archiving (June 2009)

BioMed Central supporter member (50% discount in article Processing charges)

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