Open Access in Greece: current trends & developments

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Berlin 8 Open Access Conference, October 25-27 2010, Beijing
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Scholarly communication in Greece (1)

- High productivity of publications
- Mainly published in international journal titles
- Publishing in Greek language and titles:
  - language limitations, audience & market size
  - until recently focus on social & political sciences, economy literature, arts & culture
  - Now days it’s a bit more attractive for researchers to publish in Greek e-publications (can communicate their works to a wider audience)
- The last 5 years: significant increase in e-publishing activity which followed up the fast development and success of Institutional Repositories
Scholarly communication in Greece (2): books

- Books: Exclusively print format (still)

<table>
<thead>
<tr>
<th>Subject</th>
<th>2003</th>
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<td>2.469</td>
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<td>Natural &amp; Applied Sciences **</td>
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<td>635</td>
<td>631</td>
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<td>2.088</td>
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<tr>
<td>School &amp; educational books</td>
<td>629</td>
<td>610</td>
<td>464</td>
<td>816</td>
<td>794</td>
<td>700</td>
</tr>
<tr>
<td>Art</td>
<td>455</td>
<td>576</td>
<td>547</td>
<td>702</td>
<td>759</td>
<td>671</td>
</tr>
<tr>
<td>Other ***</td>
<td>910</td>
<td>1.022</td>
<td>949</td>
<td>1.006</td>
<td>1.225</td>
<td>1.050</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.
Scholarly communication in Greece (3): e-books

• At the end of 2009 only 3 publishers with initiatives on e-books were reported
• On May 2010 this number raised to 16!

<table>
<thead>
<tr>
<th>No</th>
<th>Title</th>
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<th>Business Model</th>
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</thead>
<tbody>
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<td>3</td>
<td>Emporia Publications</td>
<td>through retailer (Publisher's site: <a href="http://www.brainfood.gr/emporia.php">http://www.brainfood.gr/emporia.php</a>)</td>
<td>Publisher</td>
<td>Commercial</td>
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<tr>
<td>5</td>
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<td>Publisher</td>
<td>Commercial</td>
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<td>Govostis Publications</td>
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<td>Commercial</td>
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<tr>
<td>10</td>
<td>Livanis Publishing</td>
<td><a href="http://www.livanisatschool.gr/">http://www.livanisatschool.gr/</a></td>
<td>Publisher</td>
<td>Commercial</td>
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<tr>
<td>12</td>
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<td>Commercial</td>
</tr>
<tr>
<td>13</td>
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<td><a href="http://www.picturebooks.gr/el/list_online.asp">http://www.picturebooks.gr/el/list_online.asp</a></td>
<td>Publisher</td>
<td>Commercial</td>
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<td>15</td>
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<td><a href="http://www.poimikachromika.gr/">http://www.poimikachromika.gr/</a></td>
<td>Publisher</td>
<td>Commercial</td>
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<tr>
<td>16</td>
<td>Sideris Publications</td>
<td>through retailer (Publisher's site: <a href="http://www.isideris.gr">http://www.isideris.gr</a>)</td>
<td>Publisher</td>
<td>Commercial</td>
</tr>
</tbody>
</table>
Scholarly communication in Greece (4): journals

<table>
<thead>
<tr>
<th>Subject</th>
<th>Total titles 2010</th>
<th>Total titles 2009</th>
<th>Peer review titles 2010</th>
<th>Peer review titles 2009</th>
<th>Titles in Digital format (full text) 2010</th>
<th>Titles in Digital format (full text) 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>STM</td>
<td>121</td>
<td>120</td>
<td>85</td>
<td>85</td>
<td>63</td>
<td>62</td>
</tr>
<tr>
<td>Humanities</td>
<td>207</td>
<td>191</td>
<td>78</td>
<td>74</td>
<td>55</td>
<td>38</td>
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<tr>
<td>Total</td>
<td>328</td>
<td>311</td>
<td>163</td>
<td>159</td>
<td>118</td>
<td>100</td>
</tr>
</tbody>
</table>
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## OA in Greece: Journals (1)

<table>
<thead>
<tr>
<th>Subject</th>
<th>Total</th>
<th>OA</th>
<th>OA e-Journals</th>
<th>OA Hybrid Journals (Print &amp; Web)</th>
<th>OA Journals Digital Archives</th>
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<td>62</td>
<td>63</td>
<td>51</td>
<td>52</td>
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<tr>
<td>Humanities</td>
<td>38</td>
<td>52</td>
<td>29</td>
<td>32</td>
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<tr>
<td>Total</td>
<td>100</td>
<td>118</td>
<td>80</td>
<td>84</td>
<td>27</td>
</tr>
</tbody>
</table>

- 21 journals in DOAJ (April 2010) – 14 titles on March 2009
OA in Greece: Journals (2)

- The majority of online titles is OA
- Almost all e-journals are OA
- 40% of OA titles in Medicine
- Significant activity in Hybrid publishing (Print & Web) and digital archiving
- Still no compliance with open standards and technologies: OAI-PMH, metadata schemas, standardized software (like OJS), etc.
- Limited (platform) functionality and usability
- (Still) no systematic preservation policies and practices
OA in Greece: e-books

..... still missing
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OA in Greece: Repositories & Digital Collections

• 17 out of the total 33 Academic Institutions run their own OAI-PMH IRs (about 275,000 items)
  – 4 more institutes run non OAI-PMH compliant IRs
• More than 200 active digital resources
• 22 OAI-PMH digital collections with about 187,000 items (by April 2010) – Mainly run by Academic and Research bodies as well as not-for profit organizations.
• More than 65 resources with OA to their content although non compliant with OAI-PMH
<table>
<thead>
<tr>
<th>No</th>
<th>Title</th>
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<th>Content</th>
<th>Software</th>
<th>Items**</th>
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<tbody>
<tr>
<td>1</td>
<td>Bibliotheca</td>
<td>Technological Educational Institute of Crete</td>
<td>Grey Literature</td>
<td>-</td>
<td>3000</td>
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<tr>
<td>2</td>
<td>E-Locus</td>
<td>University of Crete</td>
<td>Grey Literature, Archives</td>
<td>Keystone</td>
<td>3409</td>
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<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>45</td>
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<tr>
<td>4</td>
<td>Anaktisi</td>
<td>Technological Educational Institute of Western Macedonia</td>
<td>Grey Literature</td>
<td>Eprints</td>
<td>114</td>
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<tr>
<td>5</td>
<td>Grey Literature of the Aegean University</td>
<td>Aegian University</td>
<td>Grey Literature</td>
<td>Custom/Commercial</td>
<td></td>
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<tr>
<td>6</td>
<td>AUTH Digital Collections</td>
<td>Aristotle University of Thessaloniki</td>
<td>Grey Literature, Archives, Special Collections</td>
<td>CDS Invenio</td>
<td>113627</td>
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<tr>
<td>7</td>
<td>Estia - Digital Repository of Harokopio University</td>
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<td>Dspace</td>
<td>950</td>
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<tr>
<td>8</td>
<td>Eureka!</td>
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<td>Dienst</td>
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<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>
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<td>19</td>
<td>Digital Library of the University of Piraeus</td>
<td>University of Piraeus</td>
<td>Grey Literature, Archives, Journals Articles</td>
<td>Dspace</td>
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<td>Digital Library of the University of Ioannina</td>
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<td>Dspace</td>
<td>3902</td>
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<td>21</td>
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<td>University of Athens</td>
<td>Grey Literature, Archives, Special Collections</td>
<td>Fedora / Pergamos</td>
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</table>

Total Items: 274678

* Source: Directory of Greek Digital Resources (April 2010)
** Statistics Source: openarchives.gr (April 2010) - *** Not possible to gather data on time for the purposes of this report – Not OAI-PMH sources
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OA in Greece: Business models - who’s publishing? (1)

- 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 hybrid publications (print & web), 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 tripled their digital publications (of any type) since March 2009 (13 titles) with a lot of them OA!

### Online Full Text Publication Types & Publishing Body Types

<table>
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<tr>
<th>Publication Type</th>
<th>Total</th>
<th>OA</th>
<th>Peer Review</th>
<th>Academics</th>
<th>National – Government</th>
<th>Private</th>
<th>Research</th>
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<td>4</td>
<td>4</td>
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<td>11</td>
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<tr>
<td>Print &amp; Web</td>
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<td>2</td>
<td>2</td>
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</tr>
</tbody>
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OA in Greece: Business models - who’s publishing? (2)

• 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: It’s not an issue for them yet!

• 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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OA in Greece: Harvesters & Registries (1)

- **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 45 resources in Greece & Cyprus
OA in Greece: Harvesters & Registries (2)

• **OpenAccess.gr**
  – Information portal on OA issues
  – Developed & operated by National Documentation Center
  – [OA blog](#) in operation since April 2010

• **MICHAEL Hellas**
  – Greek Portal of the [MICHAEL European project](#)
  – Directory, almost exclusively, of digital collections from museums, archives, libraries and other cultural institutions from across Greece. Currently provides information for 116 digital collections (April 2010).
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The role of Greek Academic Institutions in OA

- Pioneers in OA with IRs and Digital Collections
- First major OA initiatives in the country came from academics: Aristotle University of Thessaloniki-AUTH, University of Patras, University of Macedonia.
- First greek journals digital archives (Kosmopolis, Pleias etc) from University of Patras (2004)
- The only IRs with policies and some content from staff publications archives (AUTH, Upatras)
- Lead the way in OA publishing: ≈ 30% of OA e-journals – Know-how & content!

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The University of Patras case (1): institutional policies

- Thesis Mandate policy (2005)
- OA recommendation policy on archiving staff’s publications in IR (June 2009)
- Berlin Declaration signatory 2009
- BioMed Central supporter member (50% discount in article Processing charges)
- Member of SCOAP³ consortium
The University of Patras case (2): communal activities

- Directory of Greek Digital Resources
  - Monitoring of scholarly communication and OA in Greece - Annual reports
- OJS/OCS Greek translation services & support
- Greek Dspace Users Wiki
- Hosting and publishing support for Greek scientific OA journals through «Pasithee» platform
- Collaboration with DOAJ for the initial screening of Greek OA journals [as Hellenic Academic Libraries Link (HEAL-Link) representative]
- Co-ordinator of national academic CRIS services project (through HEAL-Link).
## The University of Patras case (2): publishing & archiving

<table>
<thead>
<tr>
<th>Title</th>
<th>Description</th>
<th>Year</th>
<th>Items (09/10)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Journals Digital Archives (OJS)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kosmopolis</td>
<td>Fourteen 19th and early 20th century literature journals</td>
<td>2004</td>
<td>50576</td>
</tr>
<tr>
<td>Pleias</td>
<td>36 various 19th and early 20th century journals</td>
<td>2007</td>
<td>66346</td>
</tr>
<tr>
<td>Dexameni</td>
<td>Digital storage of current titles (2 currently)</td>
<td>2008</td>
<td>3042</td>
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<tr>
<td>Daniilida</td>
<td>Old journals published in the area of Patras</td>
<td>2009</td>
<td>488</td>
</tr>
<tr>
<td><strong>Institutional Repository (DSpace)</strong></td>
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</tr>
<tr>
<td>Nemertes</td>
<td>MSc &amp; PhD theses, technical reports, articles, etc.</td>
<td>2005</td>
<td>3577</td>
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<tr>
<td><strong>Pasithee: OA e-publications (OJS)</strong></td>
<td>3 journal so far, 2 on the way</td>
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</tbody>
</table>
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Trends and challenges at a national and regional level (1)

• Greek Academic libraries have already gained a key role in OA as well as in scholarly communication issues (and publishing!)
  – Scholars although more and more enthusiastic on OA, are still doubtful and certainly not leading the way!
• More academic e-publishing initiatives are already approved for the next years – Run mostly by academic libraries on behalf of academic staff, departmens, labs, etc.
• Short term target: IRs everywhere - Also run by libraries
**Trends and challenges at a national and regional level (2)**

- Formal national academic OAI harvester or similar metasearch engine through [HEAL-Link](#)
- OA e-books projects by academic institutions
- Digitization, indexing and storage of more Greek Journals (backfiles and current content)
  - Academic institutions (libraries) projects & initiatives
  - A number of Publishers’ projects are expected to get up to 50% funding by national & EU funds (digi-content program). Yet they are expected to stay out of the OA game for long!
- Need for more automation and standardization in e-publishing procedures
  - OJS is used widely as well as other custom applications. More use, investment and development on OJS is expected in the short term
Trends and challenges at a national and regional level (3)

• Development of Preservation strategy and infrastructures is under discussion
  – APARSEN network of excellence (Alliance Permanent Access to the Records of Science in Europe Network), University of Patras (partner)

• Institutional and national policies on OA and scholarly communication in general are still missing or under discussion (less than 10 institutions have adopted a formal policy for content archiving!)

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Trends and challenges at a national and regional level (4)

- Granada OA Declaration,
  - A communication and cooperation network between OA stakeholders (administration, universities, libraries, scholars, publishers) in Southern Europe countries (France, Greece, Spain, Italy, Portugal and Turkey) for the advancement of common OA policies in every country. A initiative of Southern European Libraries Link-SELL and Fundacion Espanola para la Ciencia y la Tecnologia - FECYT

- HEAL-Link Collaboration with DOAJ for the initial screening of Greek OA journals
Some Links

- **Read more on OA in Greece**

- **Granada OA Declaration**

- **Directory of Greek Digital Resources**

Thank you