Workshop on repositories and journals

Third LERU Doctoral Summer School
Beyond Open Access: Open Education, Open Data and Open Knowledge
Barcelona, 9th July, 2012
Judit Casals CRAI Unitat de Projectes
Overview

• The basic concepts of open access movement

• To gain a general understanding of open access models for scientific dissemination

• Practical approach with your research output
Your research output

- Doctoral thesis
- Bachelor’s thesis / master’s thesis
- Book or part of a book
- Working papers, reports
- Conference proceedings, presentations
- Journal articles
- Other materials: lectures, learning objects...
OA in LERU Universities

• All universities have a digital repository

• Some universities have funds to encourage publication in OA Journals
Research dissemination _ before OA

• The author sends the work to the publisher
• The publisher reviews, (peer reviewing process) and disseminates your work
• Author transfers copyright to the journal owner
• Sometimes the author pays to publish
• Libraries pay for the subscriptions
Research dissemination after OA

- Dissemination of your work is now in your hands
- Author retains copyright
- It is possible to publish articles in an open access journal or distribute them in a repository
- Articles are in a digital format
Open access movement

**OA literature is** digital, online, free of charge, and free of most copyright and licensing restrictions (Peter Suber)

**OA removes:**
- Price Barriers
- Permission Barriers

**Principle**
- Public access to publicly-funded research results.
2 roads to Open Access

To provide OA to your research articles

Open Access journals
Gold road

Open Access repositories
Green road
Benefits

- Enhance the visibility of the author and the institution
- Increase the access to scientific information
- More advances in scientific progress
- The investment of public money returns to the society
Some hard questions

• Is it a an altruistic movement?
Researchers want to make progress in theirs fields, they write for impact, not for money. They have a strong interest in building their career.

• Is it a synonym of free?
Open Access is free for readers and users, not free for producers, has a cost.
Some hard questions

- Is it a “freaky” movement?
- + 7,500 journals in OA (in DOAJ), increasing the number of peer-reviewed journals
- + 2,000 repositories (registered in ROAR)
- A lot of initiatives, European programs and an active community

The movement is in a good health
The gold road: OA journals

• perform peer review quality (Example: BMC)
• make the approved contents freely available, sometimes with delayed access
  ○ Biomedicine 12 months
  ○ Science and Technology 24 months
  ○ Arts and Humanities 36 months
• Authors retain copyright and sometimes pay to open the content
Gold road: business models

The publisher has the cost of peer review, manuscript preparation, and server space

• No cost for the author
• Co-payment/shared cost
• Hybrid model
Gold road: business models- 2

• Shared Cost (co-payment)

The publisher charges a fee per article, to be paid by the author or the author's sponsor

PLoS (Public Library of Science), BiomedCentral, SpringerOpen, Hindawi
Gold road: business models- 3

• Hybrid model
  Journal based on the subscription model, but some articles are in open access.
  The author pays to publish in OA and the institution pays the cost of the subscription.
  Ex: Springer, Elsevier,...
Gold road: Business models examples

No Cost model

- *Enthymema, Interférences littéraires*, *BiD*, *Geologica acta*

Shared-cost model

- *PLoS Biology* (*Submit your paper*)
- *BMC Public Health* (*About this journal/ Article-proces.Charges*)

Hybrid model

- *Journal of Neuroscience* (*Instructions for authors*)
- *Genome biology* (*About this journal/ Article-proces. Charge*)

More journals: Directory of Open Access Journals *DOAJ*
Gold road: 2015

Scenario in 2015

- Biomedicine: 40%
- Science and Technology 15%
- Arts and Humanities 5%

From: “Heading for the open road: costs and benefits of transitions in scholarly communications”
A digital repository is where digital content, assets, are stored and can be searched and retrieved for later use. (JISC)

To collect, manage, disseminate and preserve the intellectual products of a community.

Can be organized by discipline or by institution.
• open and interoperable
• comply with ‘open standards’

• **OAI-PMH** (OAI Protocol for Metadata Harvesting)
• **Metadata**: Dublin Core (DC)
• **PURL (Persistent Uniform Resource Locator)**: Unique identifier per document (DOI, handle)
Green road: OA repositories - 3

• The access to the content can be open, freely available, embargoed or restricted.

• They are searchable by Google, Google Scholar increasing the visibility of the content

• They can be harvested (through the OAI/PMH)
Content types in repositories

![Bar chart showing content types in OpenDOAR repositories worldwide. The chart indicates that journal articles are the most common type of content, followed by unpublished reports and working papers, theses and dissertations, books, chapters, and sections, conference and workshop papers, multimedia and audio-visual materials, bibliographic references, other special item types, learning objects, datasets, patents, and software.]
Type of repositories

- **Institutional:** All LERU Universities
- **Discipline:** Arxiv, PubMed
- **Consortium:** TDX, Recercat, MDX
- **Harvesters:** Driver, OAISTER
Your article on OA in a repository

- The researcher publishes an article in a peer reviewed journal.

- The author signs the copyright transfer. The copyright holder is the publisher.

- The author doesn’t retain the copyright and he has to ask permission to reuse his work.
Your article on OA in a repository

• Before delivering your article in open access, and archiving a copy in a digital repository

• Check journal copyright conditions
  http://www.sherpa.ac.uk/romeo/

• Keep with you the copyright transfer
<table>
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<tr>
<th>Journal:</th>
<th><strong>PLoS Computational Biology</strong> (ISSN: 1553-734X, ESSN: 1553-7358)</th>
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<td>RoMEO:</td>
<td>This is a RoMEO green journal</td>
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- **Author's Pre-print:** author can archive pre-print (ie pre-refereeing)
- **Author's Post-print:** author can archive post-print (ie final draft post-refereeing)
- **Publisher’s Version/PDF:** author can archive publisher's version/PDF

**General Conditions:**
- Creative Commons Attribution License
- Eligible UK authors may deposit in OpenDepot
- Publisher's version/PDF may be used

**Mandated OA:** Compliance data is available for 22 funders

**Copyright:** Policy

**Updated:** 05-Jan-2011 - Suggest an update for this record

**Link to this page:** http://www.sherpa.ac.uk/romeo/issn/1553-734X/

**Published by:** Public Library of Science [Commercial Publisher] - Green Policies in RoMEO

**For:** International Society for Computational Biology (ISCB) [Client Organisation] - Suggest to RoMEO

**Guidance:** Please see the list of Publisher Categories in RoMEO for guidance on interpreting the priority of multiple publishers.

These summaries are for the journal's default policies, and changes or exceptions can often be negotiated by authors. *All information is correct to the best of our knowledge but should not be relied upon for legal advice.*
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<td>Author's Post-print: ✔️ author can archive post-print (ie final draft post-refereeing)</td>
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<td>• Publisher's version/PDF cannot be used</td>
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<td>• On author's website or institutional repository</td>
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<td>• On funder's designated website/repository after 12 months at the funder's request or as a result of legal obligation</td>
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<td>• Published source must be acknowledged</td>
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<td>• Must link to publisher version</td>
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<td>• Set phrase to accompany link to published version (The original publication is available at <a href="http://www.springerlink.com">www.springerlink.com</a>)</td>
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<tr>
<td>• Articles in some journals can be made Open Access on payment of additional charge</td>
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| Journal: | Acoustics Today (ISSN: 1557-0215) |
| RoMEO: | This is a RoMEO white journal |

| Author’s Pre-print: | archiving status unclear |
| Author’s Post-print: | subject to Restrictions below, author can archive post-print (i.e., final draft post-refereeing) |
| Restrictions: | 6 months for JASA |
| Publisher’s Version/PDF: | subject to Restrictions below, author can archive publisher’s version/PDF |
| Restrictions: | 6 months for JASA |
| General Conditions: | On authors’ institutional, governmental websites, as required by authors institution or funder |
| | Authors version only on free E-print servers |
| | Publisher copyright and source must be acknowledged |
| | Publisher’s version/PDF may be used on authors own or employers website only |
| | Must link to publisher abstract |
| | Set statements to accompany pre-print and post-print deposit |

| Mandated OA: | Compliance data is available for one funder |
| Copyright: | Example Agreement (pdf) - Web Posting Guidelines |
| Updated: | 12-Aug-2011 - Suggest an update for this record |
| Link to this page: | http://www.sherpa.ac.uk/romeo/issn/1557-0215/ |

Published by: Acoustical Society of America - White Policies in RoMEO

This summary is for the journal's default policies, and changes or exceptions can often be negotiated by authors. All information is correct to the best of our knowledge but should not be relied upon for legal advice.
Sherpa Romeo colors

• **Green:** can archive pre-print *and* post-print or publisher's version/PDF or publisher's version/PDF

• **Blue:** can archive post-print (ie final draft post-refereeing) or publisher's version/PDF

• **Yellow:** can archive pre-print (ie pre-refereeing)

• **White:** archiving not formally supported
Do you retain the **rights**?

- **If YES** (bachelor and doctoral thesis, working papers, reports...)

Only archive in the repository and decide the access and re-use conditions.
Rights: if YES

- If you retain the copyright you can choose the conditions of access and re-use
- One of the 6 Creative Commons Licenses

![Creative Commons Licenses](image)
Green road: in a practical way - 2

• If NOT (journal articles, proceedings)

To consult Sherpa/Romeo

• Pre-print: any version prior to peer review
• Post-print: the version approved by peer review
• Publisher’s version
• None version
• Embargoed access
Rights: if NOT

• If you transferred the copyright
  The rights transferred are: reproduction, distribution and public communication

Examples of Copyright transfer (IEEE, Elsevier, Taylor and Francis)

• Copyright to the above-listed unpublished and original article submitted by the above author(s), the abstract forming part thereof, and any subsequent errata (collectively, the “Article”) is hereby transferred to the American Institute of Physics (AIP) for the full term thereof throughout the world, subject to the Author Rights (as hereinafter defined) and to acceptance of the Article for publication in a journal of AIP.
Negotiation: author’s addenda

Try to negotiate with publishers

• Universities and other institutions have created models of author’s addenda.

• Scholar's Copyright Addendum Engine (Science Commons)

• Open Access Directory “Author addenda”

• Some bibliography
Metadata

• To describe the article in the repository with metadata (authors, article title, abstract, journal title, publication year, volume, pages, etc)

• Rights (metadata)
  - © All rights reserved
  - (cc) Creative Commons Licenses
Metadata – 1 - Rights

[dc.rights] 1: cc-by, (c) Lalueza-Fox et al., 2005

Journal: BMC Evolutionary Biology
BMC Evolutionary Biology
DOI: http://dx.doi.org/10.1186/1471-2148/5/70

Rights

[dc.rights] 1: cc-by, (c) Lalueza-Fox et al., 2005

Journal: BMC Evolutionary Biology
BMC Evolutionary Biology
DOI: http://dx.doi.org/10.1186/1471-2148/5/70
| Rights | Journal: Physical Review D  
Physical Review D **Sherpa Romeo**  
DOI: [http://dx.doi.org/10.1103/PhysRevD.52.6976](http://dx.doi.org/10.1103/PhysRevD.52.6976) |
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• Copyright notice required  
• Publisher's version/PDF can be used on author's or employers web site, but not "on e-print servers"  
• Author's version can be used on e-print servers |
| Mandated OA: | [Awaiting information] |
| Paid Open Access: | Free to Read |
| Copyright: | [Policy](https://www.sherpa.ac.uk/romeo) |
| Updated: | 30-May-2007 - [Suggest an update for this record](http://www.sherpa.ac.uk/romeo/isssn/1550-7998/) |
| Link to this page: | [http://www.sherpa.ac.uk/romeo/isssn/1550-7998/](http://www.sherpa.ac.uk/romeo/isssn/1550-7998/) |
| Published by: | **American Physical Society** - [Green Policies in RoMEO](http://www.sherpa.ac.uk/romeo) |

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Policies to promote OA

In institutions

• Sign the Berlin Declaration
• Write an institutional policy
• Encourage authors economically
• Encourage authors academically

J. Casals, Workshop on repositories and journals, 9th July 2012
Institutional policies

• Oblige to archive a copy of the articles published in the institution in a digital repository

• The time period between the publication and the archiving is: 12/18 months

• Author’s version: published including peer reviews
Policies on open access - 2

European policies

• Seventh Research Framework Programme (FP7). 2007-2013 EU
  ▪ OpenAire pilot project

• 6 areas: Energy; Environment; Health; Information and Communication Technologies; Science in Society; Socio-economic Sciences and Humanities.

• To deposit articles into a repository

• Ensure the publication in 6/12 months

J. Casals, Workshop on repositories and journals, 9th July 2012
To summarize

**Green road**: to archive a copy of a document, previously published in a journal or conference, in digital repository (institutional or subject-based).

**Gold road**: publish an article directly in an OA journal.
Practical work

• To gather the scientific production of the group.
• To group them by document type: articles, conference proceedings, reports, working papers, etc.
• To archive them in the digital repository test.
• To decide metadata and the version of the document.
Thank you!

dipositdigital@ub.edu
juditcasals@ub.edu