Elsevier program for academic institutions: Automated ways to enhance your CRIS & Institutional Repository

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Why IR services: Growth of the number of Institutional Repositories (IR’s)

• Since 1990s: Now 3777 IRs registered on Opendoar
• Has a significant impact on scholarly communication
• 43% of the Open source repositories use Dspace software

# of IRs continues to grow

3777 IRs 1-9-2018

Source: http://v2.sherpa.ac.uk/opendoar

43% on DSpace

Global software platforms overview

- DSpace (42%)
- EPrints (15%)
- Islandora (3%)
- WEKO (3%)
- OPUS (2%)
- dl.tra (2%)
- HAL (2%)
- CONTENTdm (2%)
- Greensite (1%)
- Other (16%)
What challenges do you face in your CRIS/IR?

- **Getting awareness**
  - Showcasing your institutional output

- **Getting content**
  - Chasing authors for content
  - Aggregating data across different internal systems

- **Ensuring compliance**
  - Copyright and licensing of content
  - Reporting and compliance with funder mandates

- **Maintenance and development**
  - Good user experience
  - Easy input mechanisms
  - Navigating national assessment requirements
  - Providing fast accurate reports
  - Discoverability
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<th>Oct-18</th>
<th>Country</th>
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<td>- University of Yaounde, Cameroon</td>
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<td>- University of Nairobi, Kenya</td>
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<td>- Rongo University, Kenya</td>
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<td>- Soroti University of Science and Technology, Uganda</td>
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<td>- Evelyn Hone College of Applied Arts and Commerce, Lusaka, Zambia</td>
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<td>- Bindura University of Science and Technology, Zimbabwe</td>
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<td>- Great Zimbabwe University, Masvingo, Zimbabwe</td>
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Elsevier’s services for Institutional Repositories

We work with CRIS and IRs because there are clear benefits for everyone when we work in partnership

Workflow:

1. Sharing & Hosting Policy
2. Resources:
   - Manual for building an IR step by step (IR webpage)
   - Webinars

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1. **PURE**: Current Research Information Solution: Pure aggregates your organization's research information.
2. **Digital Commons**: Complete Institutional Repository service to showcase all of your institutional output.
Fueling institutional repositories: Free API program

- **Get metadata & abstracts**
  - Search API can extract metadata and abstracts of articles of your affiliated authors to populate your repository and enhance discoverability.

- **Show the full text publisher version**
  - Entitlements API** can ensure subscribed users see the full text publisher version and all users see full text Open Access articles.

- **Keep users on your IR**
  - Article Retrieval API embeds the full text publisher version in your repository so users don’t leave your site.

- **Make manuscripts public**
  - Hosting permissions API can retrieve embargo end dates for manuscripts in an automated way.

**Did you know?**
Scopus customers can also integrate Scopus APIs to retrieve metadata and abstracts across all publishers.

**Please Note:** **Minimum part of the program.**
Registration process

**ScienceDirect prerequisites:**
- No need for your institution to subscribe to participate in the SD API program;
- There is no cost involved for the institution.

**Scopus prerequisites:**
- Scopus APIs are complimentary for Scopus subscribers
- CRIS providers can integrate SD and Scopus APIs for mutual customers, and develop their software in line with the use cases. Contact us for an agreement for CRIS-providers.

**SD program registration process:**
1. Register your interest on our webpage:
   [https://www.elsevier.com/solutions/sciencedirect/support/institutional-repository](https://www.elsevier.com/solutions/sciencedirect/support/institutional-repository)
2. Register for an API key and accept the terms and conditions
   [https://dev.elsevier.com/user/login](https://dev.elsevier.com/user/login)
3. Develop software in line with the developers instructions that can be found on our developers portal
   [http://dev.elsevier.com/tecdoc_sd_ir_integration.html](http://dev.elsevier.com/tecdoc_sd_ir_integration.html) or DSpace IRs can visit github site to download plugins.

**DSpace plugins can be downloaded here:**
[https://github.com/atmire/Elsevier](https://github.com/atmire/Elsevier)
Implementation examples

**Institutional repositories:**
- IR@UF: Sobek IR of University of Florida
- DSpace: Qspace, Qatar University, and openrepository.com customers

**CRIS:**
Case study IR@UF: University of Florida’s Institutional Repository

Scopus and ScienceDirect API services provide metadata and abstracts. Links are provided to guide visitors to best available Elsevier article version. PDF available for Open access and subscribed articles or Check access to link to alternative access options as a link to the library for ILL.

2 Response types:
1. PDF available
2. Check access

Visit IR@UF: http://ufdc.ufl.edu/ir
IR program includes Dspace plugins through our partnership with Atmire

Institutions using Dspace in their IR can benefit from the plugins we developed with Atmire

Download the plugins here:
https://github.com/atmire/Elsevier
DSpace Openrepository.com implementation examples

1. Helmholtz Centre for Infection Research (HZI):
   https://hzi.openrepository.com/handle/10033/621376
2. Institutional Repository of the Peruvian University of Applied Sciences:
   https://repositorioacademico.upc.edu.pe/handle/10757/345729
3. Repositorio Institucional del Tecnológico de Monterrey
   https://repositorio.itesm.mx/handle/11285/628074
4. Teagasc: Agriculture and Food Development Authority, Ireland
   https://t-stor.teagasc.ie/handle/10197/2276
5. Vlerick Bus school:
   https://repository.vlerick.com/
6. University of Wolverhampton:
   https://wlv.openrepository.com/handle/2436/620935
7. European University Cyprus (implementation phase)
Case study Qspace: A DSpace Institutional Repository

Scopus and ScienceDirect API services provide metadata and abstracts. Additional links are provided to guide visitors to the latest available version for Elsevier articles.

Visit this example at Qspace: http://qspace.qu.edu.qa/handle/10576/4639
Qspace: Embeds Open Access and Full text PDFs for subscribers

Qspace embeds full text PDF articles in the IR instead of linking users out to ScienceDirect. The users do not leave the IR pages.

Visit this example at Qspace: http://qspace.qu.edu.qa/handle/10576/4639
New Pure portal integration: Users from subscribing institutions are guided to the latest available version – “You have access to view this document”

Visitors from subscribing institutions are guided to the full text PDF of the article: “You have access to view this document”
New Pure portal integration: ScienceDirect embargo and license information

Embargo end date information is added for all articles published in Elsevier journals. Embargoes are on article level and based on Elsevier’s hosting policy.
New pilot service: Embedded Accepted Manuscripts for UF and Qatar (Q4 2018)

Users not recognised by IP address and article after embargo: Users render an Elsevier Accepted Manuscript

Users not identified as subscribers, will render an Embedded Accepted Manuscript after embargo.

Download button for downloading AM PDFs.
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