

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

Letitia Mukherjee

Market development manager Sharing platforms

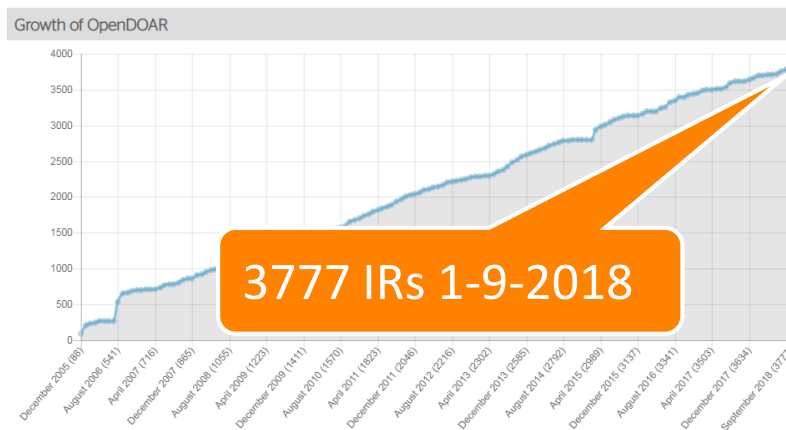
ScienceDirect Product Management

10 October 2018

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

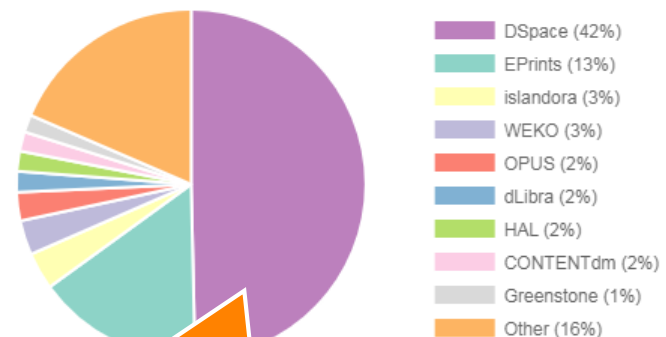
of IRs continues to grow



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

Global software platforms overview

Software Platforms Overview



43% on DSpace

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

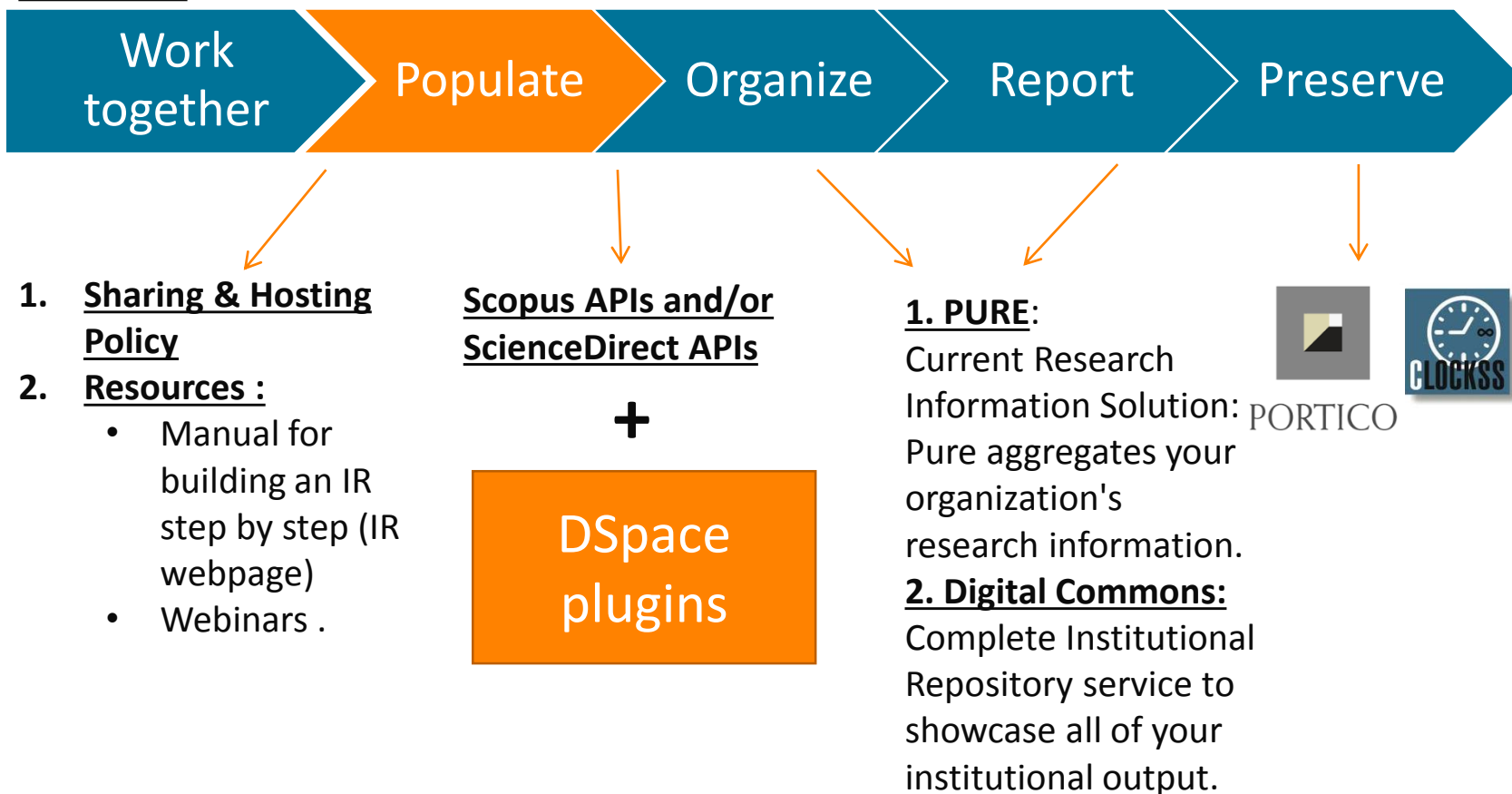
Institutional repositories, # Elsevier articles in 2014, IR software and Scopus subscribers

Oct-18	Country	# Art in 2014	IR sw
- University of Yaounde, Cameroon	Cameroon	114	?
- Catholic University of Eastern Africa, Kenya	Kenya	?	
- University of Kabianga, Kenya	Kenya	?	
- Kisii University, Kenya	Kenya	?	
- Mount Kenya University	Kenya	?	
- Kenya Nat'l Library Service	Kenya	?	
- University of Nairobi, Kenya	Kenya	50	Dspace
- Rongo University, Kenya	Kenya	?	
- SIMAD university, Mogadishu, Somalia	Somalia	?	
- Mzumbe University, Morogoro, Tanzania	Tanzania	?	
- University of Dodoma, Tanzania	Tanzania	2	?
- Soroti University of Science and Technology, Uganda	Uganda	?	
- Evelyn Hone College of Applied Arts and Commerce, Lusaka, Zambia	Zambia	?	
- Bindura University of Science and Technology, Zimbabwe	Zimbabwe	4	?
- Great Zimbabwe University, Masvingo, Zimbabwe	Zimbabwe	1	?

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:



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.

Scopus® Did you know?

Scopus customers can also integrate Scopus APIs to retrieve metadata and abstracts across all publishers

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>
2. Register for an API key and accept the terms and conditions
<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 or DSpace IRs can visit github site to download plugins.

DSpace plugins can be downloaded here:

<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:

- Pure & Pure Portal– Current Researcher Information System: 200 customers worldwide.

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.

The screenshot displays the IR@UF website interface. At the top, it identifies the site as 'George A Smathers Libraries' and 'University of Florida Digital Collections'. The main header reads 'The Institutional Repository at the University of Florida IR @ UF'. Below this is a navigation bar with options like HOME, SEARCH OPTIONS, BRIEF VIEW, THUMBNAI VIEW, and TABLE VIEW. A search bar indicates that a search for 'water' resulted in 5568 items in 5197 titles. The left sidebar allows narrowing results by Creator, Language, Publisher, Subject: Genre, and Subject: Topic. The main content area shows a grid of search results, each with a thumbnail, a title, and a status indicating 'Publisher version' and 'PDF available'. Examples of titles include 'The α7 nicotinic receptor agonist 4OH-GT S-21 protects axotomized septohippocampal cholinergic neurons in wild type but not amyloid-overexpressing transgenic mice', 'α7 Nicotinic receptor gene delivery into mouse hippocampal neurons leads to functional receptor expression, improved spatial memory-related performance, and tau hyperphosphorylation', and 'A ~43-ka record of paleoenvironmental change in the Central American lowlands inferred from stable isotopes of lacustrine ostracods'.

2 Response types:

1. PDF available
2. Check access

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 plguins 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.

Qatar University QSpace Institutional Repository



Home Communities & Collections Help About QSpace Search Advance Search

Qatar University/QSpace → Academic → Faculty Contributions → College of Engineering → Civil & Architectural Engineering → View Item

Comparison of SimTraffic and VISSIM Microscopic Traffic Simulation Tools in Modeling Roundabouts



View/Open

-  Publisher version (Open Access)
-  Version of Record-Open Access (350.6Kb)

Date
2015-06

Author
Shaaban, Khaled
Kim, Inhi

URI
<http://www.sciencedirect.com/science/article/pii/S187705841500016>
<http://hdl.handle.net/10576/4639> ; <http://dx.doi.org/10.1016/j.procs.2015.05.016>

Collections
Civil & Architectural Engineering [41 items test 5]

Publication Date
Author
Title
Publication Date

A. Rendering based on subscription:

1. Open Access (all users)
2. You have access (subscribers)
3. First page preview (pre-embargo for non-subscribers)
4. New pilot service: Embedded Accepted Manuscripts (post embargo for non-subscribers)

B. Link to a locally hosted manuscript

My Account

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.

The screenshot displays the Qspace Institutional Repository interface. At the top, the Qatar University logo and 'Qspace Institutional Repository' are visible, along with a 'Login | QU | QU Library' link. Below the header is a navigation bar with links: Home, Communities & Collections, Help, About QSpace, and a search bar labeled 'Search QSpace' with a 'Go' button and an 'Advanced Search' link. The main content area shows a breadcrumb trail: 'Qatar University QSpace → Academic → Faculty Contributions → College of Engineering → Civil & Architectural Engineering → 10576/4639 → Elsevier embed page'. The central part of the page features a preview of a PDF article. The article is titled 'Comparison of SimTraffic and VISSIM Microscopic Traffic Simulation Tools in Modeling Roundabouts' by Khaled Shaaban^a and Inhi Kim^{b,*}. It is from 'Procedia Computer Science' 52 (2015) 43–50. The abstract states: 'SimTraffic and VISSIM are two microscopic traffic simulation tools that are capable of modeling arterial roads with signalised intersections and roundabouts. This study compares the performance of the two simulation tools in modeling dual lane and triple lane roundabouts under different scenarios such as traffic volume, proportion of left turning movement, and proportion of trucks in the traffic flow. The two simulation tools did not show statistically significant difference in general. However, in the case of high traffic volume, VISSIM showed higher average delays than those from SimTraffic compared to nearly identical results in the case of low traffic volumes.' The footer of the article preview mentions '© 2015 The Authors. Published by Elsevier B.V. This is an open access article under the CC BY-NC-ND license'. To the right of the article preview is a sidebar with a 'Submit your QU affiliation work' button and a 'Browse' section containing a list of filters: 'All of QSpace', 'Communities & Collections', 'Publication Date', 'Author', 'Title', 'Subject', 'Type', 'Language', and 'My Account'. An orange callout bubble points to the article preview with the text: 'Embedded full text PDF article is downloadable for visitors from subscribing institutions'. At the bottom of the page, a footer states: 'QSpace is a digital collection operated and maintained by the Qatar University Library and supported by the ITS department. Contact Us | Send Feedback. powered by INFORMATION TECHNOLOGY SERVICES'.

New Pure portal integration: Users from subscribing institutions are guided to the latest available version – “You have access to view this document”

Planar monopole antenna for WBAN

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Department of Communication Engineering, Wireless & Mobile Technology

Conference contribution



Visitors from subscribing institutions are guided to the full text PDF of the article: “You have access to view this document”

Abstract

This paper presents circular-shape monopole antenna for WBAN applications in the free space and close proximity of body surface has been done by using CST Microwave Studio. The proposed antenna was designed on FR4 substrate with dielectric constant (ϵ_r) of 4.4 and thickness of 1.6 mm. The final optimized design is $50 \times 40\text{mm}^2$. The simulated current distribution on the radiating patch for the proposed circular-shaped monopole antenna frequencies of 3.3 and 7.5 GHz in the free space is presented. The size of circular-shape monopole antenna it is suitable for WBAN application.

Access to Document

[10.1016/j.ygyno.2016.05.033](https://doi.org/10.1016/j.ygyno.2016.05.033)

You have access to view this document

 Link to publication in Scopus

ORIGINAL LANGUAGE

English

TITLE OF HOST PUBLICATION

Progress in Electromagnetics Research Symposium

PUBLISHER

Electromagnetics Academy

PAGES

1936-1939


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.

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File *

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84 KB, application/pdf Replace

File title

Full Text Example File 1

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This is the typical embargo end date for this journal. In a small number of cases, earlier dates may apply. More details can be found on Elsevier's funding body agreements page.

Document version

Accepted author manuscript Peer reviewed version

Public access to file *

Embargoed

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Embargo end date Example: 21/10/2002

29/04/2017 Embargo ends: 30/04/2017

Visible on portal date
30/04/2017

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Cancel Create

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

The screenshot displays the Elsevier QSpace Institutional Repository interface. At the top, the Qatar University logo and 'QSpace Institutional Repository' are visible, along with 'Login', 'QU', and 'QU Library' links. The navigation bar includes 'Home', 'Communities & Collections', 'Help', and 'About QSpace'. A search bar is present with a 'Search' button and a link to 'Advance Search'.

The breadcrumb trail indicates the location: 'University QSpace' → 'Academic' → 'Faculty Contributions' → 'College of Engineering' → 'Civil & Architectural Engineering' → 'View Item'.

The main title of the article is 'Comparison of SimTraffic and VISSIM Microscopic Traffic Simulation Tools in Modeling Roundabouts'. Below the title, a PDF icon is shown next to the 'View/Open' section. The 'View/Open' section lists two options: 'Publisher version (Open Access)' and 'Version of Record-Open Access (350.6Kb)'. The 'Date' is listed as '2015-06' and the 'Author' as 'Shaaban, Khaled Kim, Inhi'. The 'Metadata' section includes a link to 'Show full item record'.

The article preview shows the title 'Conditions for Liposome Adsorption and Bilayer Formation on BSA Passivated Solid Supports' by 'Elsa I. Silva-López[†], Lance E. Edens[‡], Adam O. Barden, David J. Keller[‡], and James A. Brock^{†*}'. The affiliations are listed as '†Department of Chemistry, Washington State University, PO Box 644630, Pullman, Washington 99164-4630, United States' and '‡Department of Chemistry and Biological Chemistry, University of New Mexico, Albuquerque, New Mexico 87131-0001, United States'. The corresponding author's email is 'brock@wsu.edu'.

At the bottom of the article preview, there is a 'Download PDF of this manuscript' link.

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

Download button for downloading AM PDFs.

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