Electronic Publishing Using Open Journal Systems

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Outline

- Online Visibility of Scholarly Output at UNZA
- Open Journal Systems
- Examples: OJS Instances in Zambia
- Open Journal Systems Features
- Open Journal Systems Requirements
- Potential Cost Implications
- Summary
Online Visibility of Scholarly Output at UNZA (1)

<table>
<thead>
<tr>
<th>Ranking</th>
<th>World Rank</th>
<th>University</th>
<th>Det.</th>
<th>Country</th>
<th>Presence Rank*</th>
<th>Impact Rank*</th>
<th>Openness Rank*</th>
<th>Excellence Rank*</th>
</tr>
</thead>
<tbody>
<tr>
<td>57</td>
<td>2524</td>
<td>University of Mauritius</td>
<td></td>
<td></td>
<td>2358</td>
<td>5585</td>
<td>2106</td>
<td>2484</td>
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<tr>
<td>58</td>
<td>2566</td>
<td>Suez Canal University</td>
<td></td>
<td></td>
<td>7600</td>
<td>9238</td>
<td>5495</td>
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<td>59</td>
<td>2577</td>
<td>Université Abou Bekr Belkaid Tlemcen</td>
<td></td>
<td></td>
<td>491</td>
<td>6841</td>
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<td>2395</td>
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<tr>
<td>60</td>
<td>2598</td>
<td>University of Zambia</td>
<td></td>
<td></td>
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<td>8780</td>
<td>3826</td>
<td>1884</td>
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<tr>
<td>61</td>
<td>2629</td>
<td>Jomo Kenyatta University of Agriculture and Technology</td>
<td></td>
<td></td>
<td>648</td>
<td>5217</td>
<td>2558</td>
<td>2805</td>
</tr>
</tbody>
</table>

Research output is also a key topic for Webometrics, but including not only formal (e-journals, repositories) publications but also informal scholarly communication. Web publication is cheaper, maintaining the high standards of quality of peer review processes. It could also reach much larger potential audiences, offering access to scientific knowledge to researchers and institutions located in developing countries and also to third parties (economic, industrial, political or cultural stakeholders) in their local community.

We intend to motivate both institutions and scholars to have a web presence that reflects accurately their activities. If the web performance of an institution is below the expected position according to their academic excellence, university authorities should reconsider their web policy, promoting substantial increases of the volume and quality of their electronic publications.

http://www.webometrics.info
Online Visibility of Scholarly Output at UNZA (2)

Google Scholar has a feature that ranks publication venues

<table>
<thead>
<tr>
<th>Publication</th>
<th>h5-index</th>
<th>h5-median</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nature</td>
<td>386</td>
<td>563</td>
</tr>
<tr>
<td>The New England Journal of Medicine</td>
<td>352</td>
<td>597</td>
</tr>
<tr>
<td>Science</td>
<td>329</td>
<td>466</td>
</tr>
<tr>
<td>The Lancet</td>
<td>273</td>
<td>420</td>
</tr>
<tr>
<td>Chemical Society Researcher</td>
<td>241</td>
<td>346</td>
</tr>
<tr>
<td>Proceedings of the Royal Society of</td>
<td>237</td>
<td>358</td>
</tr>
<tr>
<td>Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Journal of the Royal Society of</td>
<td>271</td>
<td>321</td>
</tr>
<tr>
<td>Medicine</td>
<td>219</td>
<td>288</td>
</tr>
<tr>
<td>The Lancet</td>
<td>218</td>
<td>299</td>
</tr>
<tr>
<td>Chemical Society Researcher</td>
<td>216</td>
<td>275</td>
</tr>
<tr>
<td>The Lancet</td>
<td>211</td>
<td>339</td>
</tr>
<tr>
<td>JAMA</td>
<td>201</td>
<td>267</td>
</tr>
</tbody>
</table>

https://scholar.google.co.za

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Scholarly output generated by UNZA is virtually invisible
Top 20 publications matching South Africa

<table>
<thead>
<tr>
<th>Publication</th>
<th>h5-index</th>
<th>h5-median</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. SAMJ, South African Medical Journal</td>
<td>27</td>
<td>33</td>
</tr>
<tr>
<td>5. South African Journal of Industrial Psychology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Journal of Southern African Studies</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12. South African Journal of International Affairs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Compared with other institutions, UNZA has little online presence

https://scholar.google.co.za
African Journals Online (AJOL)

African Journals OnLine (AJOL) is the world’s largest online library of peer-reviewed, African-published scholarly journals.

Historically, scholarly information has flowed from North to South and from West to East. It has also been difficult for African researchers to access the work of other African academics. In partnership with universities and institutions from all over the continent, AJOL works to change this, so that African-origin research can be accessed by Africans and to the rest of the world.

AJOL is a Non-Profit Organisation based in South Africa.

More about AJOL and the challenges we work to address

AJOL hosts 523 Journals, including 250 Open Access Journals.

The site has 13 493 Issues containing 161 179 Abstracts.

There are 155 395 Full Text Articles for download, of which 97 465 are Open Access.

AJOL aggregates scholarly output from journals in Africa

https://www.ajol.info
Online Visibility of Scholarly Output at UNZA (6)

Use AJOL to:
- browse peer-reviewed journals from Africa,
- download full text articles from journal homepages,
- search for an article by title, author/s or keywords,
- and find other information sources and more resources for researchers and journals.

Most recent issues on AJOL:
- Vol 16, No 1 (2019)
- Vol 8, No 3 (2019)
- Vol 10, No 2 (2019)
- Vol 34, No 9 (1990)
- Vol 32, No 11 (1958)
- Vol 46 (2018)
- Vol 1, No 1 (2018)
- Vol 9, No 3-4 (2017)
- Vol 5, No 2 (2019)
- Vol 14, No 2 (2013)
- Vol 45, No 1 (2019)
- Vol 10, No 1 (2018)

Most of UNZA scholarly output is not visible online

https://www.ajol.info
Online Visibility of Scholarly Output at UNZA (8)

OJS could potentially increase UNZA online presence [...]

https://doaj.org
Open Journal Systems

- Free & open-source
- Easy to use
- Standards-based and interoperable
- Implemented using a plugin architecture
- Popular: 30k instances identified in 2015

PKP is a multi-university initiative developing (free) open source software and conducting research to improve the quality and reach of scholarly publishing.

Open Journal Systems

"Scholars need the means to launch a new generation of journals committed to open access, and to help existing journals that elect to make the transition to open access..." - Budapest Open Access Initiative, 2002

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Location of journals using Open Journal Systems

- East Asia & Pacific: 2,358
- Europe & Central Asia: 2,385
- Latin America & Caribbean: 2,798
- Middle East & North Africa: 133
- North America: 860
- South Asia: 266
- Sub-Saharan Africa: 313
- Total: 9,113

Notes: This map shows the journals using Open Journal Systems (OJS) available online sometime in the last 30 days. Each year ONLY shows journals with content published in that year. The numbers do not represent the rate of adoption of OJS (some journals only upload back issues without publishing ANY current content, skip a year, or go offline).

- URLs for installations were found by looking at the “referrer” addresses in the PKP website log (by default OJS links back to pkp.sfu.ca). As a result, some OJS journals are NOT reflected in these numbers.
- Map shows journals, not installations.
- Journals are counted for any given year if they have at least 10 articles published that year. Any journals not meeting this criteria are NOT included in these numbers.
- Journal content was found using the PKP Harvester using the OAI PMH.
- Country of origin of a journal is determined by (in order of preference): by the presence of country name in journal title, top level domain, or by GeoIP lookup of IP address. This method is not perfect and is known to be skewed towards the location of hosting servers.

https://pkp.sfu.ca/ojs

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The Zambia ICT Journal (ISSN: 2616-2156) is published four times a year by the ICT Society of Zambia with technical support from the University of Zambia, Copperbelt University and Mulungushi University. The objective of Journal is to support and stimulate active productive research which could strengthen the technical foundations of engineers and scientists in the African continent, develop strong technical foundations and skills and lead to new small to medium enterprises within the African sub-continent. We also seek to encourage the emergence of functionally skilled technocrats within the continent on publishing research results and studies in Computer Science and Information Technology through a scholarly publication. The Zambia ICT journal is double blind peer reviewed.

Announcements

Call for papers for Volume 2 Issue 2 (due 31 August 2018)
[2018-06-29]

Call for papers for Volume 2 Issue 2 (due 31 August 2018)

Current Issue

July 20 2018

http://ictjournal.icict.org.zm
Zambian Journal of Library & Information Science (ZAJLIS) is a Journal in the field of Library and Information Science in Zambia. It is published biannually by the Department of Library and Information Science at the University of Zambia. The goal of ZAJLIS is to publish insightful, innovative and effective research to satisfy both local and international scholars and professionals in the province of Library and Information Science.

POWERED BY ZAMREN
OJS Features (1)

• **OJS is installed locally and locally controlled.**
• Editors configure requirements, sections, review process, etc.
• Online submission and management of all content.
• Subscription module with delayed open access options.
• Comprehensive indexing of content part of global system.
• Reading Tools for content, based on field and editors’ choice.
• Email notification and commenting ability for readers.
• Complete context-sensitive online Help support.
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Examples: ZAJLIS

Additional Site and Article Access Restrictions
- Users must be registered and log in to view the Journal site.
- Users must be registered and log in to view open access content.

User Registration
- Visitors can register a user account with the journal.
- The Journal Manager will register all user accounts. Editors or Section Editors may register user accounts for reviewers.

Save
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1. Hosting requirements
   ○ Server space is required for hosting OJS
2. Installation, configuration and administration
   ○ Technical expertise required to install and configure OJS
3. Journal Configuration and Management
   ○ Customisation, theming and branding
4. OJS Roles
   ○ Journal management
5. Marketing and Syndication
   ○ Syndication of journal content to aggregate services
Open Journal Systems Cost Implications (1)

1. Initial Costs
   - Hosting requirements
   - Installation and Configuration

2. Recurring Costs
   - Hosting requirements
   - System administration
   - ISSN subscription
   - DOI subscription

3. System Administration and Maintenance
   - Troubleshooting and software upgrades
   - Regular backups
## Open Journal Systems Cost Implications (2)

<table>
<thead>
<tr>
<th></th>
<th>Initial Costs</th>
<th>Recurring Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Hosting</strong></td>
<td></td>
<td><strong>1. Hosting</strong></td>
</tr>
<tr>
<td></td>
<td>—</td>
<td>USD 745.00+</td>
</tr>
<tr>
<td><strong>2. Set up</strong></td>
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<td>USD 275.00+</td>
</tr>
<tr>
<td></td>
<td>—</td>
<td>Journal/Library</td>
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<td><strong>Recurring Costs</strong></td>
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<td><strong>Recurring Costs</strong></td>
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</tr>
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<td><strong>DOI subscription</strong></td>
<td>USD 275.00+</td>
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<tr>
<td><strong>System administration</strong></td>
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<td>CICT</td>
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</table>
Summary (1)

Journals - SU hosted

Side Menu

Find
- Books & other items
- Short loans
- Articles
- E-books
- E-databases
- E-journals
- E-reference works
- E-newspapers
- E-theses
- SU research output

Journals - SU hosted
- Online journals hosted by the Library:
  - African East Asian Affairs – The China Monitor
  - African Journal of Business Ethics
  - African Journal of Nephrology
  - African Population Studies
  - African Public Procurement Law Journal
  - Akroterion
  - Global Media Journal African Edition
  - Journal of Student Affairs in Africa
  - Lexikos
  - Missionalia
  - Nederduitse Geereformeerde Teologiese Tydskrif
  - ORION

http://library.sun.ac.za/en-za/Search/Pages/sunjournals.aspx
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