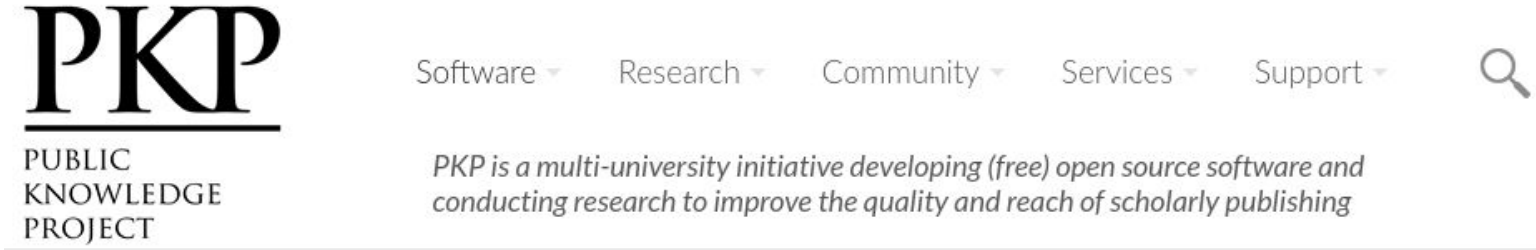

Electronic Publishing Using Open Journal Systems

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Department of Library and Information Science
University of Zambia

July 20, 2018

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)

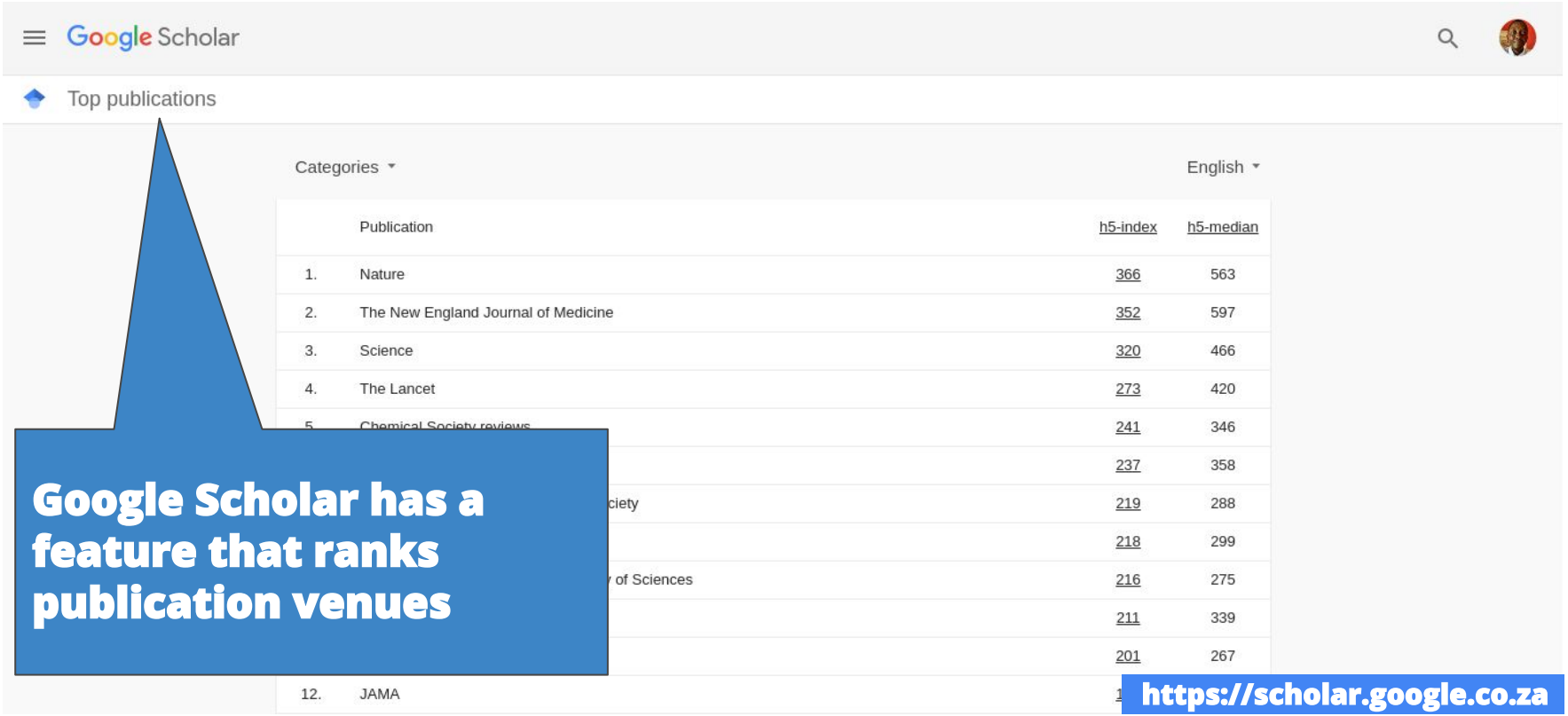
ranking	World Rank	University	Det.	Country	Presence Rank*	Impact Rank*	Openness Rank*	Excellence Rank*
57	2524	University of Mauritius	»		2358	5585	2106	2484
58	2566	Suez Canal University	»		7600	9238	5495	1249
59	2577	Université Abou Bekr Belkaid Tlemcen	»		491	6841	2602	2395
60	2598	University of Zambia	»		424	8780	3826	1884
61	2629	Jomo Kenyatta University of Agriculture and Technology	»		648	5217	2558	2805

Research output is also 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.

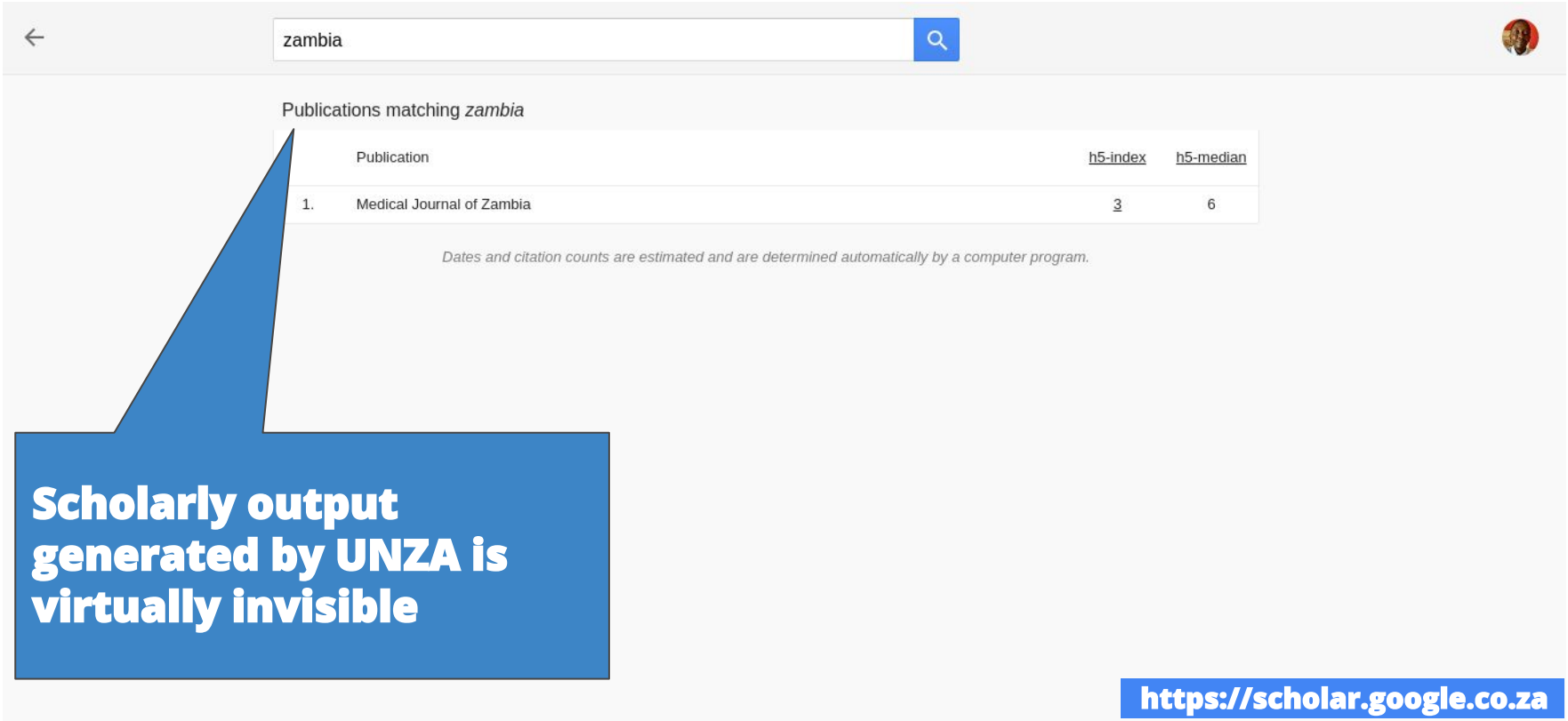
We intend to motivate both institutions and scholars to have a web presence that reflect accurately their activities. **If the web performance of an institution is below the expected position according to their academic excellence, university authorities should reconsider their web policy, promoting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

http://www.webometrics.info

Online Visibility of Scholarly Output at UNZA (2)



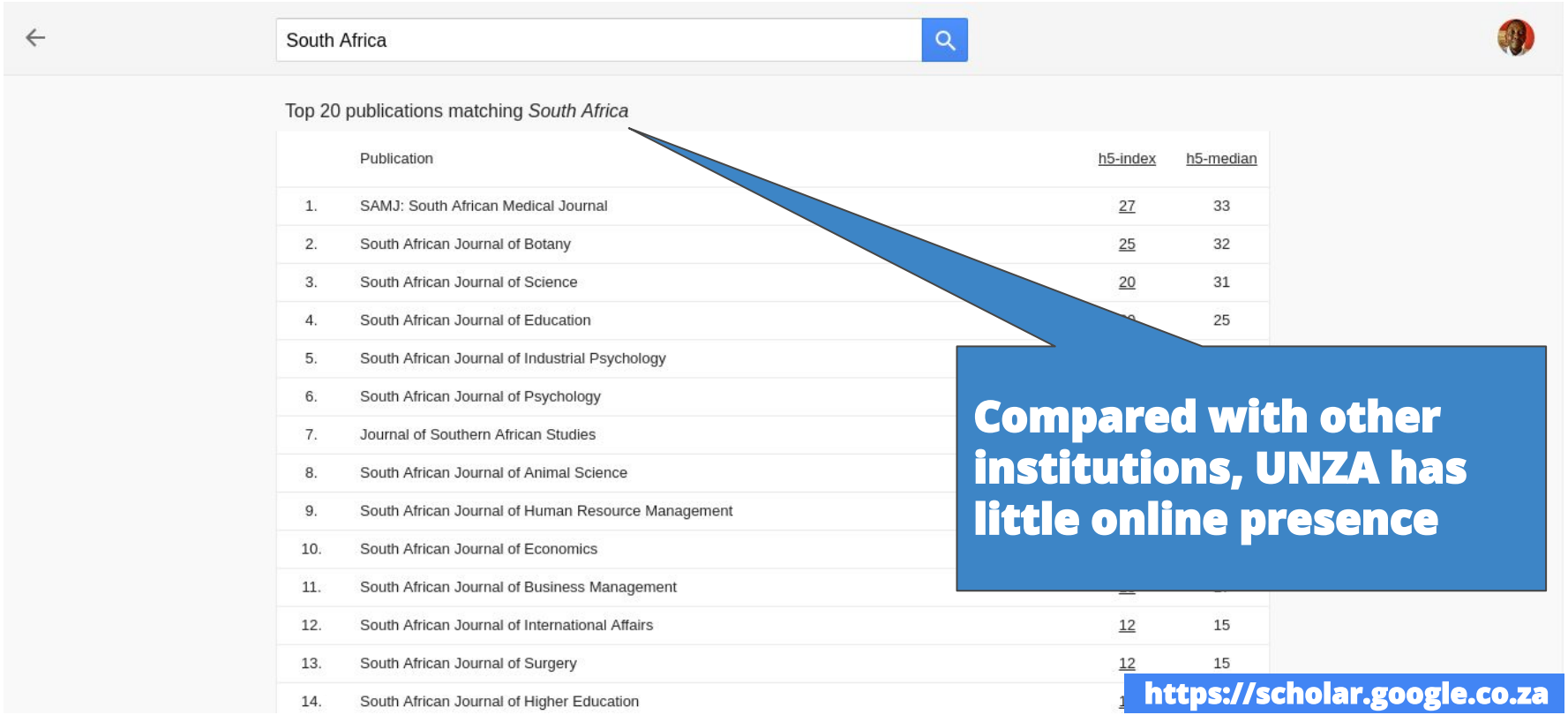
Online Visibility of Scholarly Output at UNZA (3)



Scholarly output generated by UNZA is virtually invisible

https://scholar.google.co.za

Online Visibility of Scholarly Output at UNZA (4)

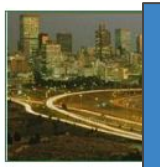


Online Visibility of Scholarly Output at UNZA (5)

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.



Featured Country: So

ge Systems

Most of UNZA scholarly output is not visible online

Most recent issues on AJOL:

Vol 16, No 1 (2016)	Samaru Journal of Information Studies
Vol 8, No 3 (2018)	Open Veterinary Journal
Vol 10, No 2 (2018)	Journal of Research in Forestry, Wildlife and Environment
Vol 34, No 9 (1960)	South African Medical Journal
Vol 32, No 11 (1958)	South African Medical Journal
Vol 46 (2018)	Journal of Consumer Sciences
Vol 1, No 1 (2018)	Rwanda Journal of Medicine and Health Sciences
Vol 73, No 3-4 (2017)	Nigerian Medical Practitioner
Vol 6, No 2 (2018)	African Journal of Economic Review
Vol 14, No 2 (2018)	Journal of the Cameroon Academy of Sciences
Vol 45, No 1 (2018)	Medical Journal of Zambia
Vol 16, No 1 (2018)	Annals of Ibadan Postgraduate Medicine

- Free To Read Titles

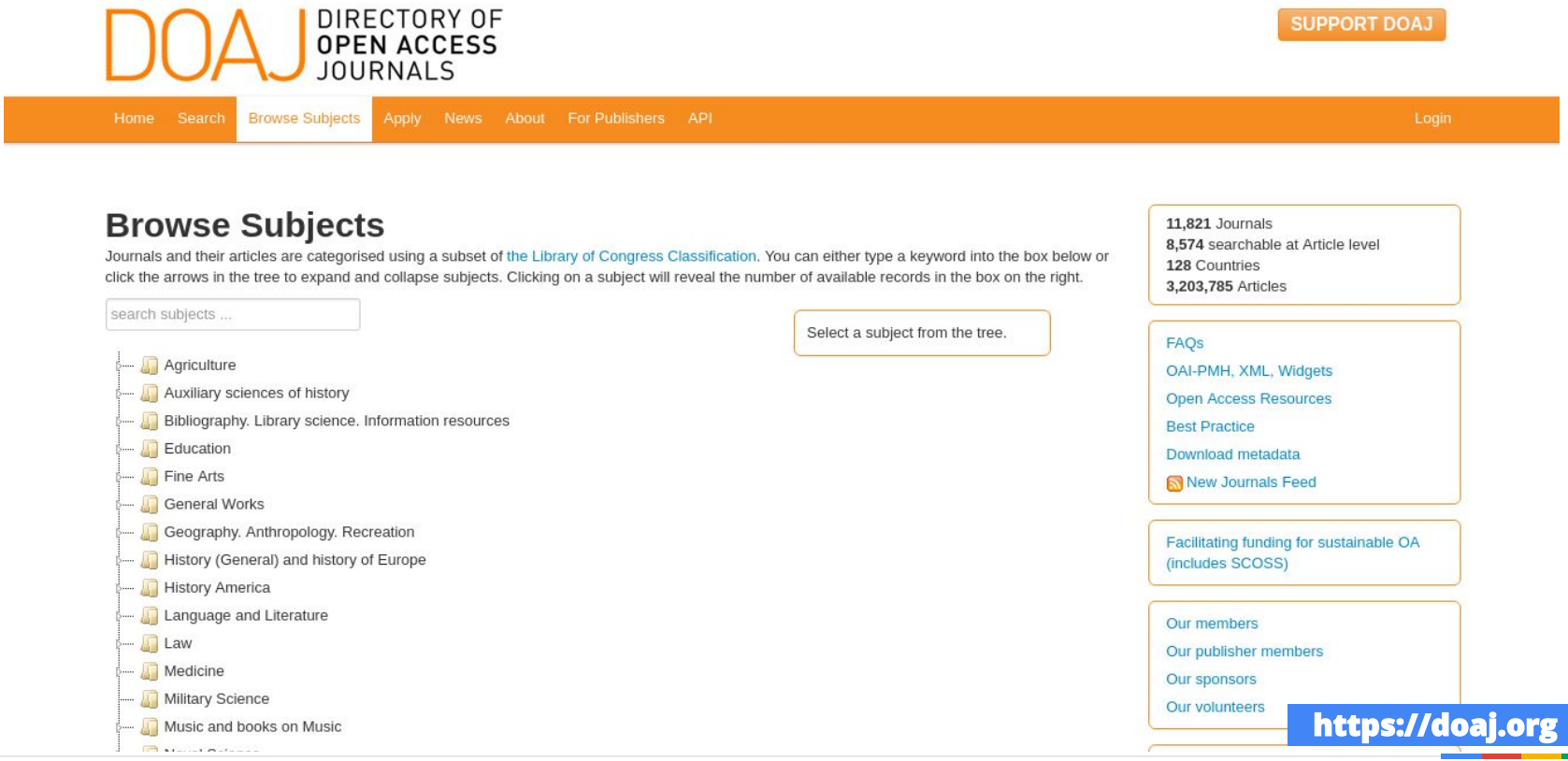
Featuring journals from 32 Countries:

- Algeria (5)
- Benin (1)
- Botswana (3)
- Burkina Faso (3)
- Cameroon (8)
- Congo, Republic (1)
- Côte d'Ivoire (4)
- Egypt, Arab Rep. (14)
- Eritrea (1)
- Ethiopia (30)
- Ghana (27)
- Kenya (29)
- Lesotho (1)
- Libya (2)
- Madagascar (1)
- Malawi (4)
- Mauritius (3)
- Mozambique (1)
- Nigeria (222)
- Rwanda (5)
- Senegal (6)
- Sierra Leone (1)
- South Africa (96)
- South Sudan (1)
- Sudan (3)
- Swaziland (3)
- Tanzania (19)
- Togo (1)
- Tunisia (2)
- Uganda (12)
- Zambia (2)
- Zimbabwe (12)

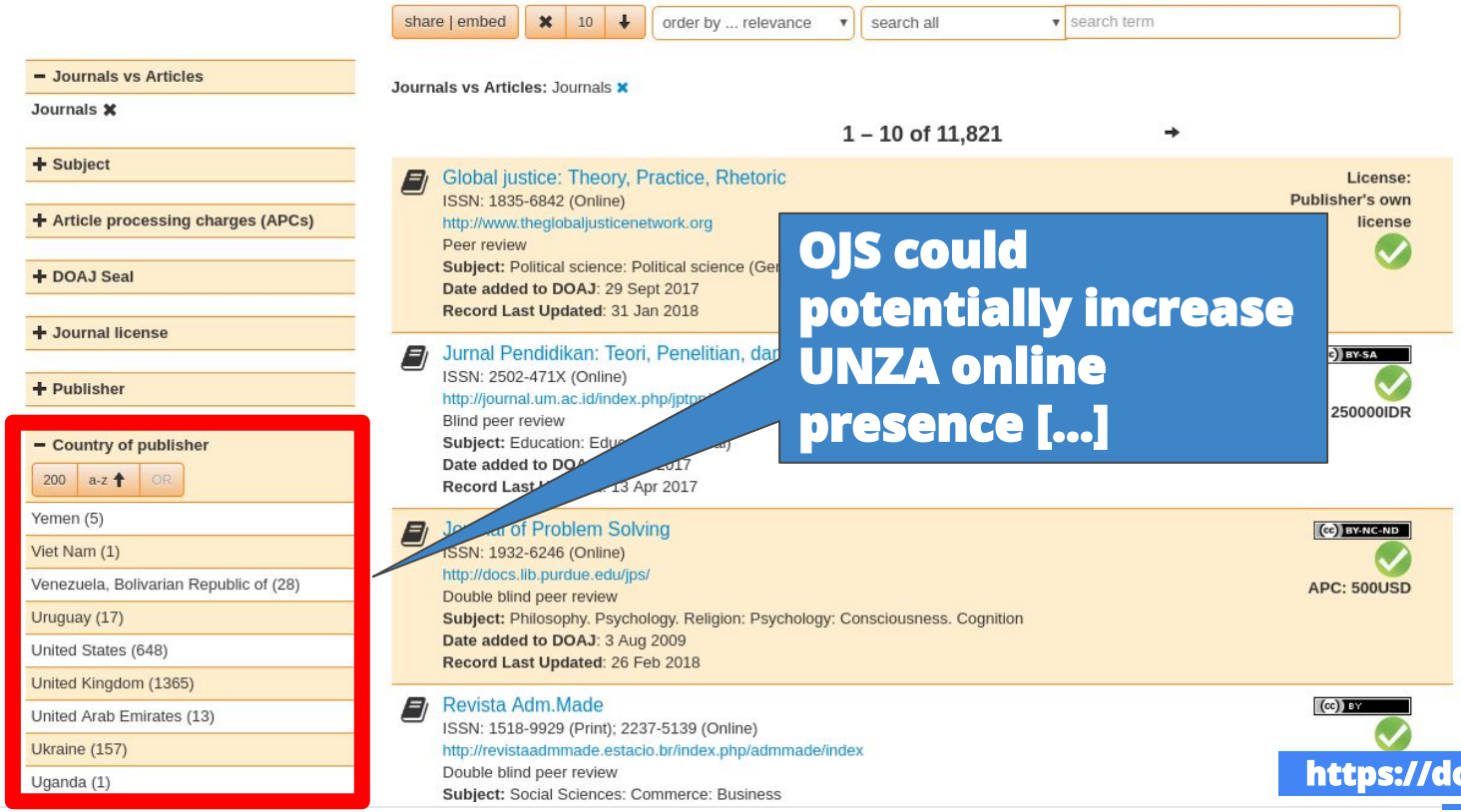
Like 7K Share

https://www.ajol.info

Online Visibility of Scholarly Output at UNZA (7)

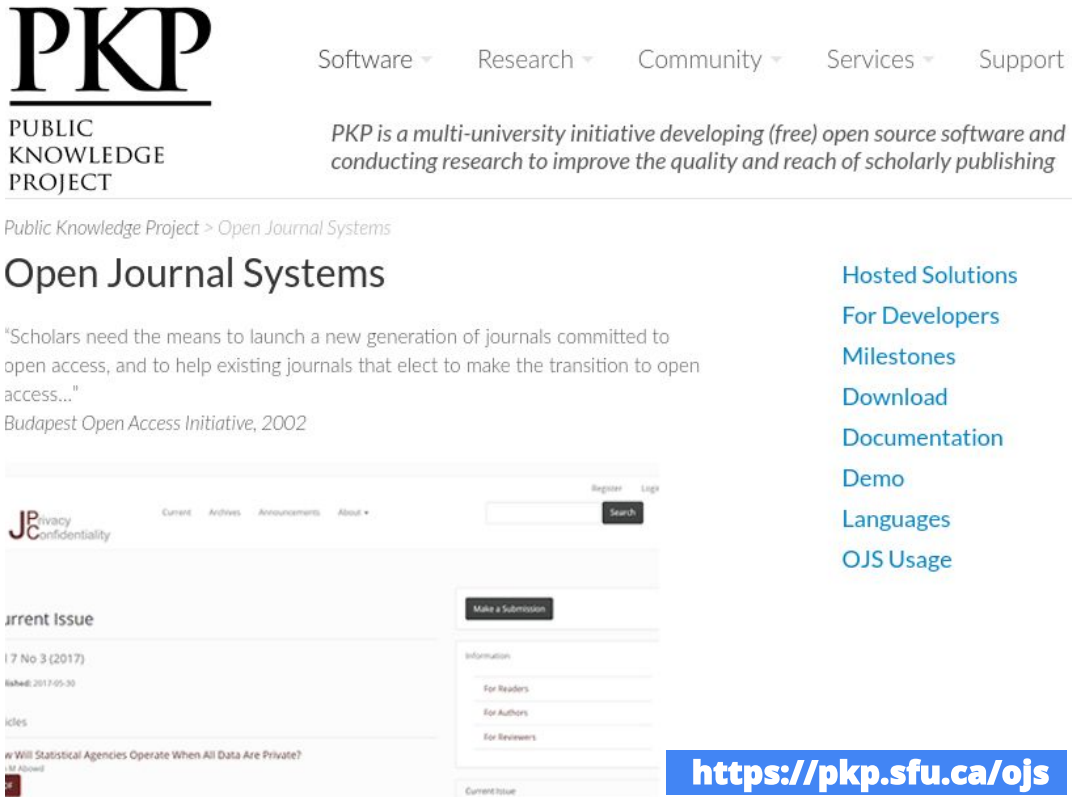


Online Visibility of Scholarly Output at UNZA (8)

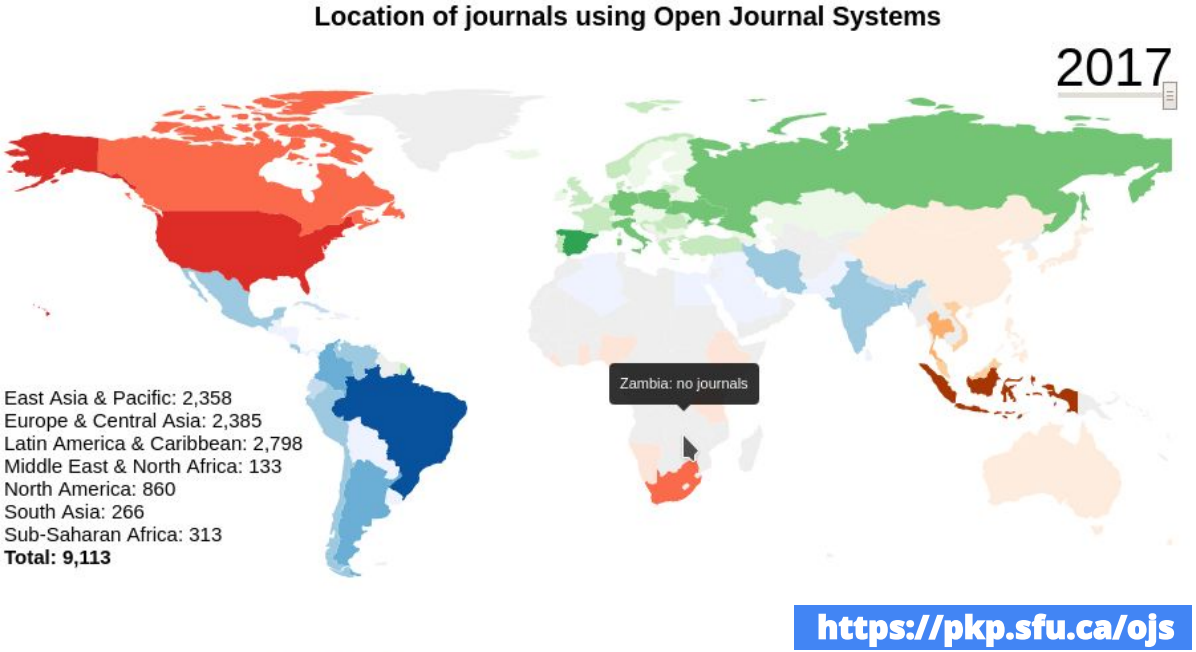


Open Journal Systems (1)

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



Open Journal Systems (2)



Examples: Medical Journal of Zambia

MJZ
MEDICAL JOURNAL OF ZAMBIA

Current Archives About MJZ ZMA Contact Search

Current Issue

Vol 45 No 1 (2018)

Published: 2018-07-11

Make a Submission

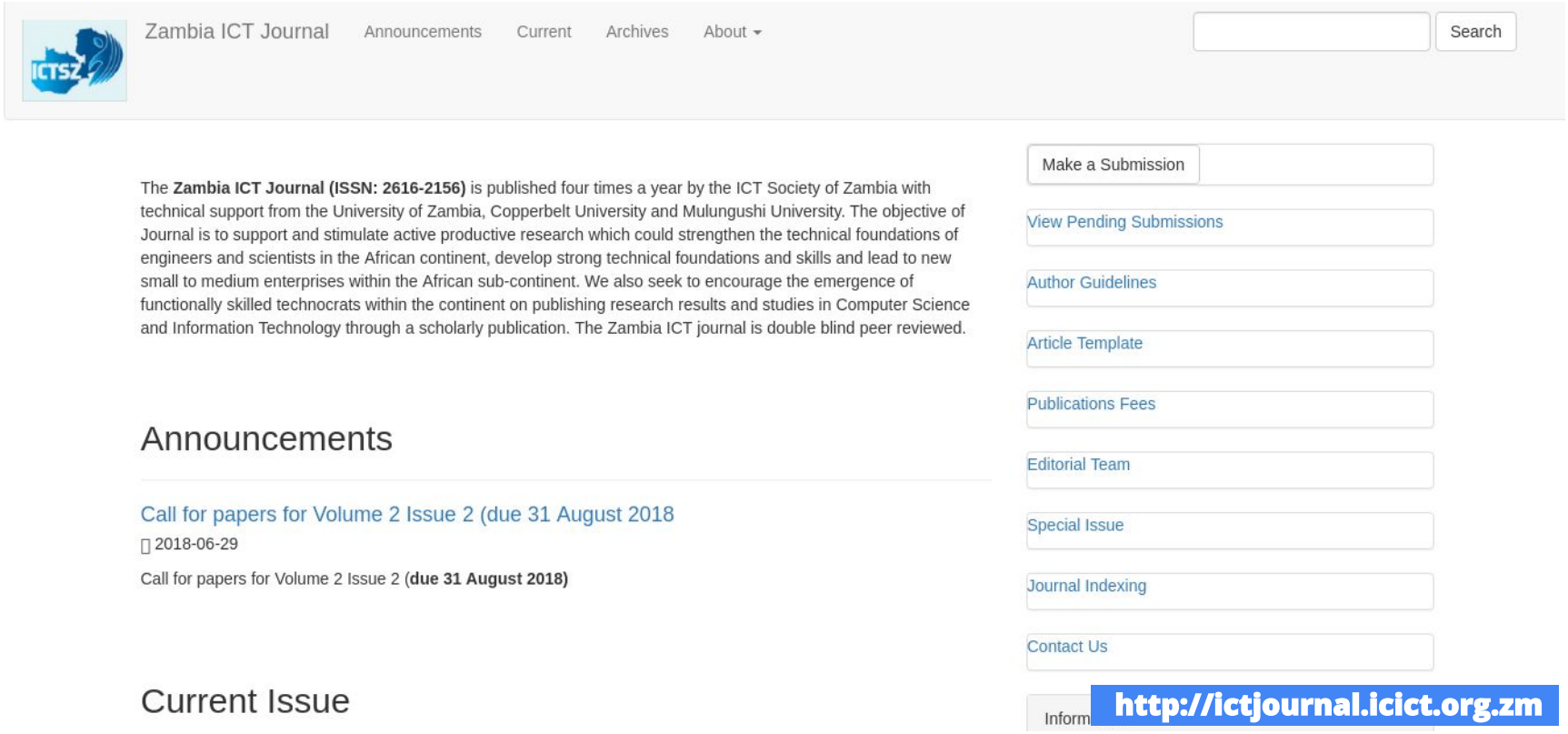
Information

For Readers

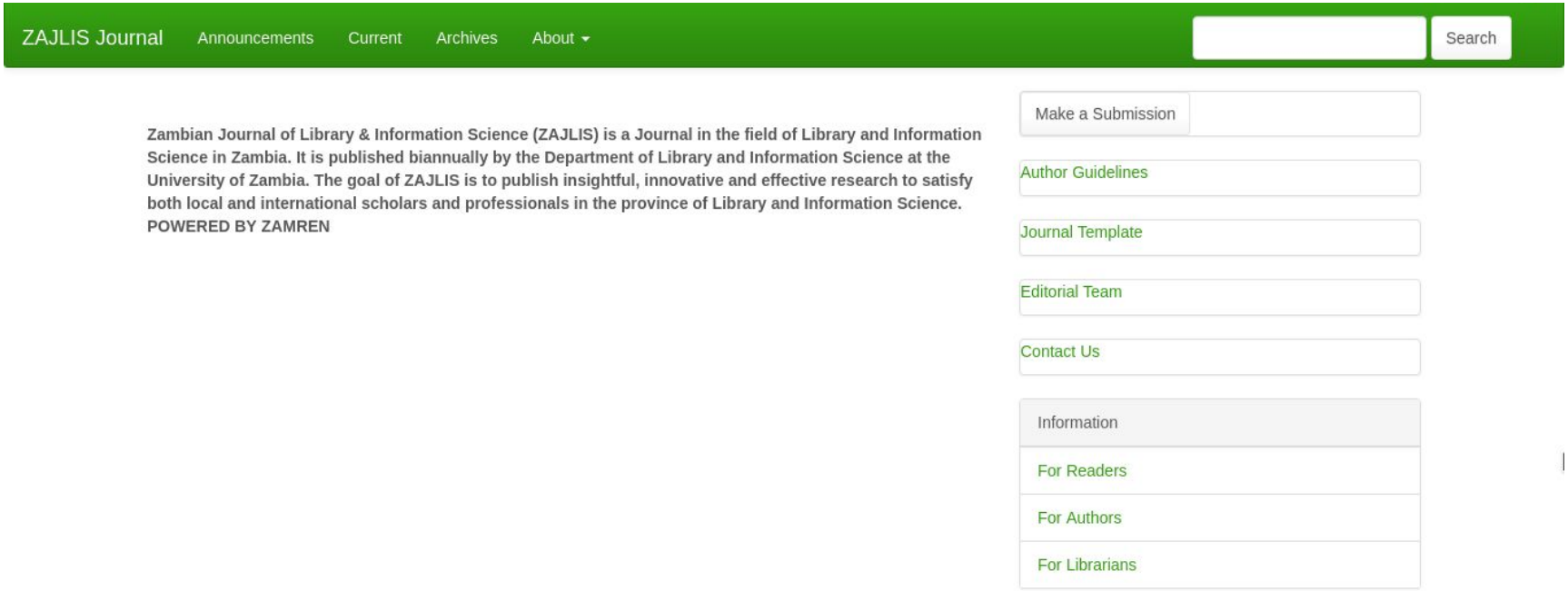
For Authors

https://www.mjz.co.zm

Examples: Zambia ICT Journal



Examples: ZAJLIS



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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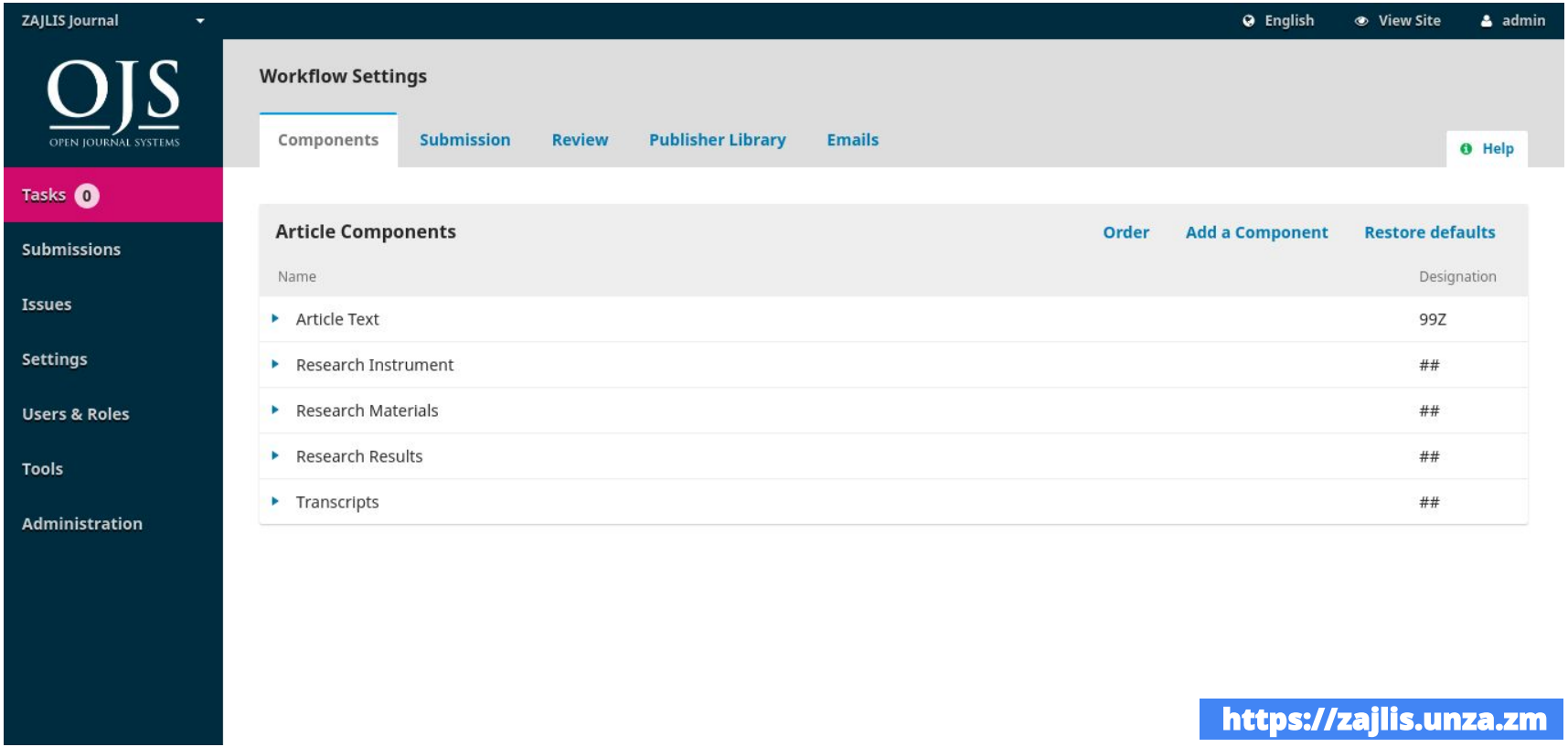

https://zajlis.unza.zm

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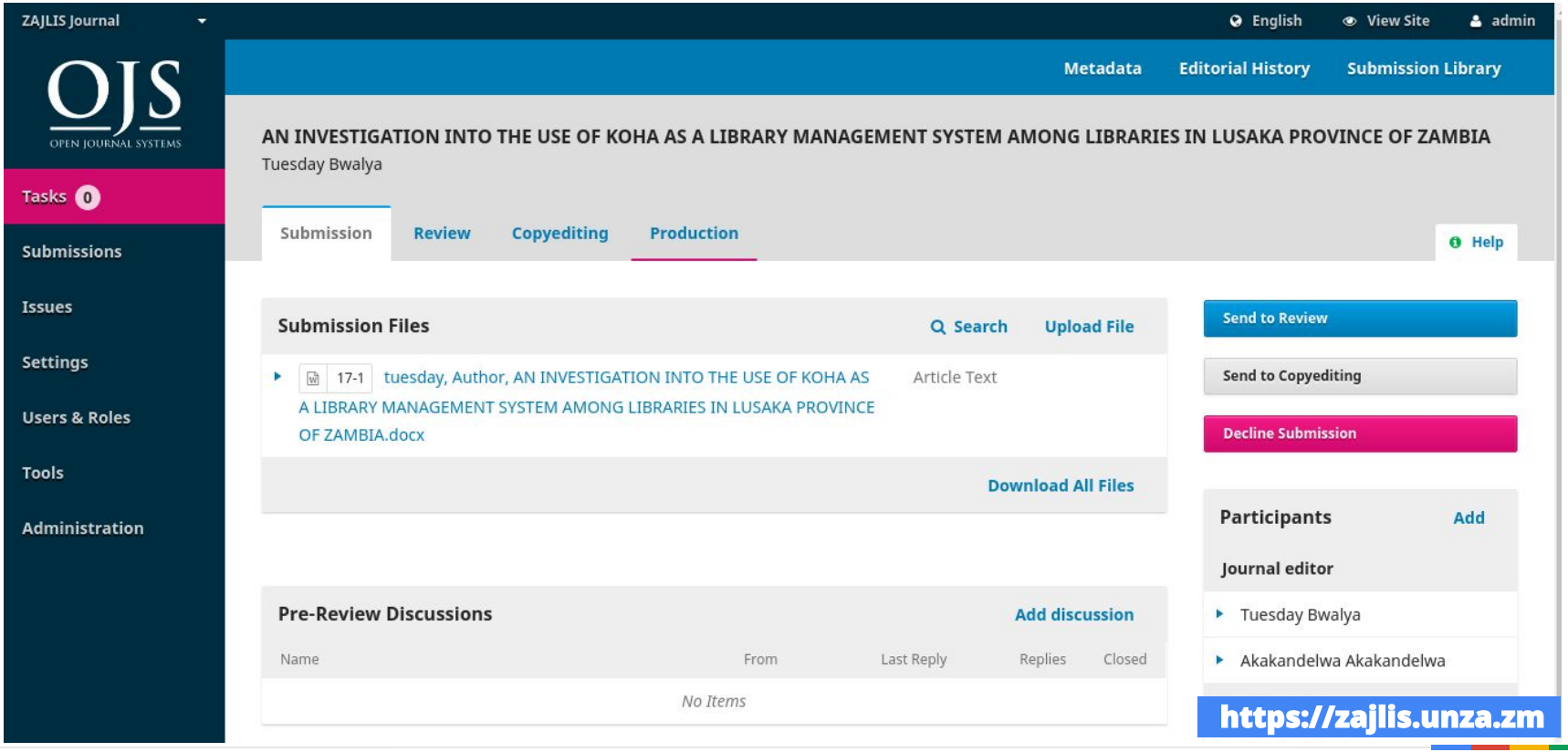

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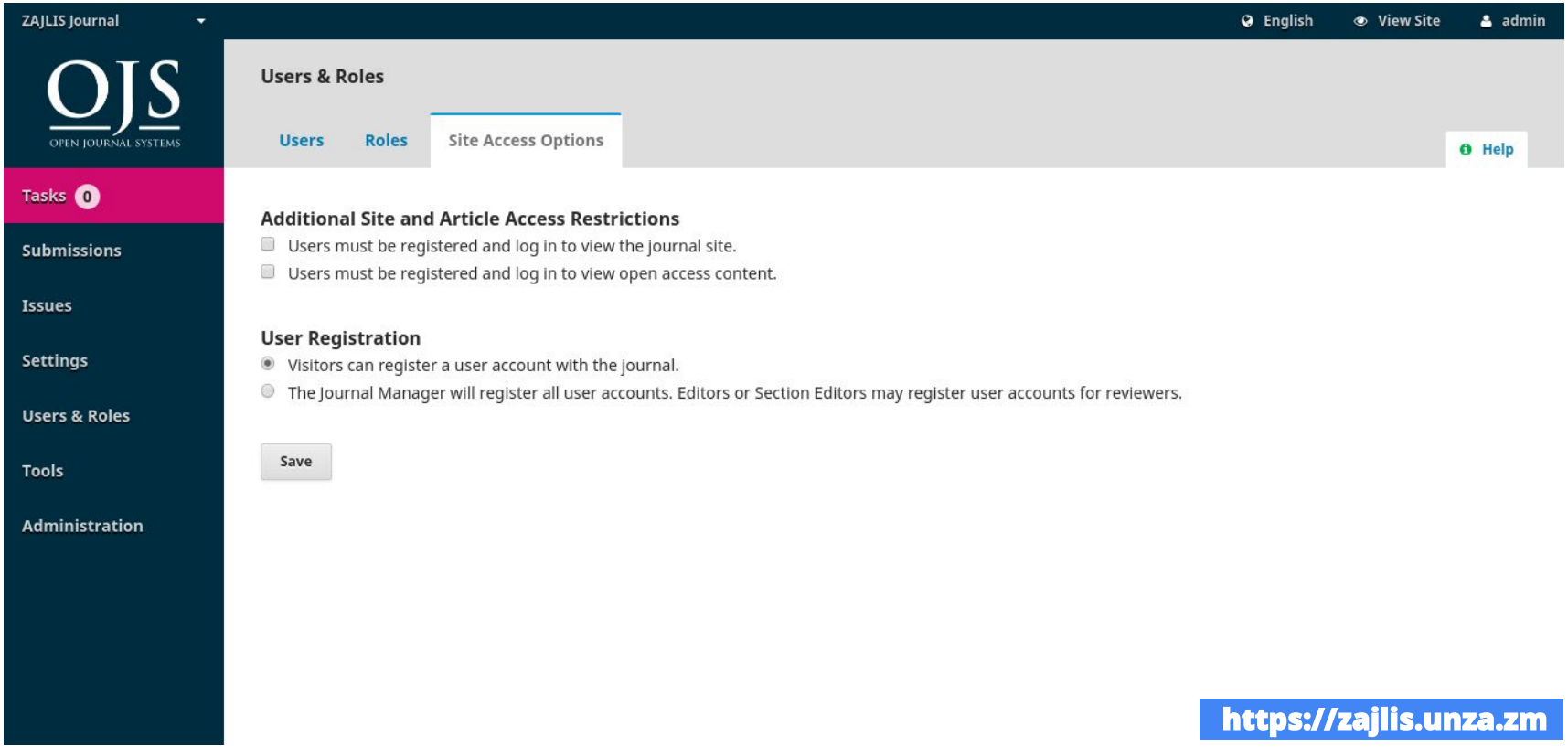

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Open Journal Systems Requirements

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

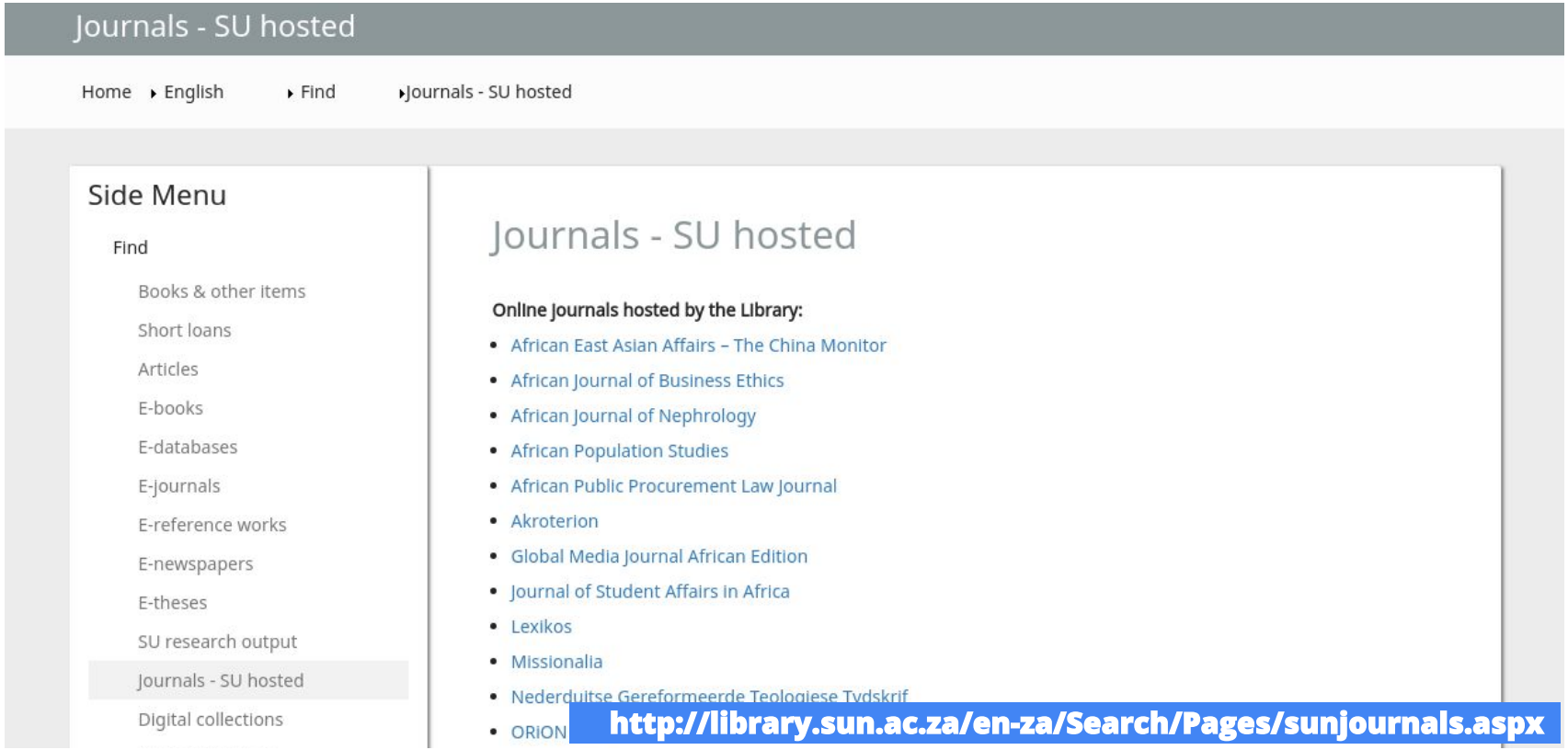
Open Journal Systems Cost Implications (1)

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)

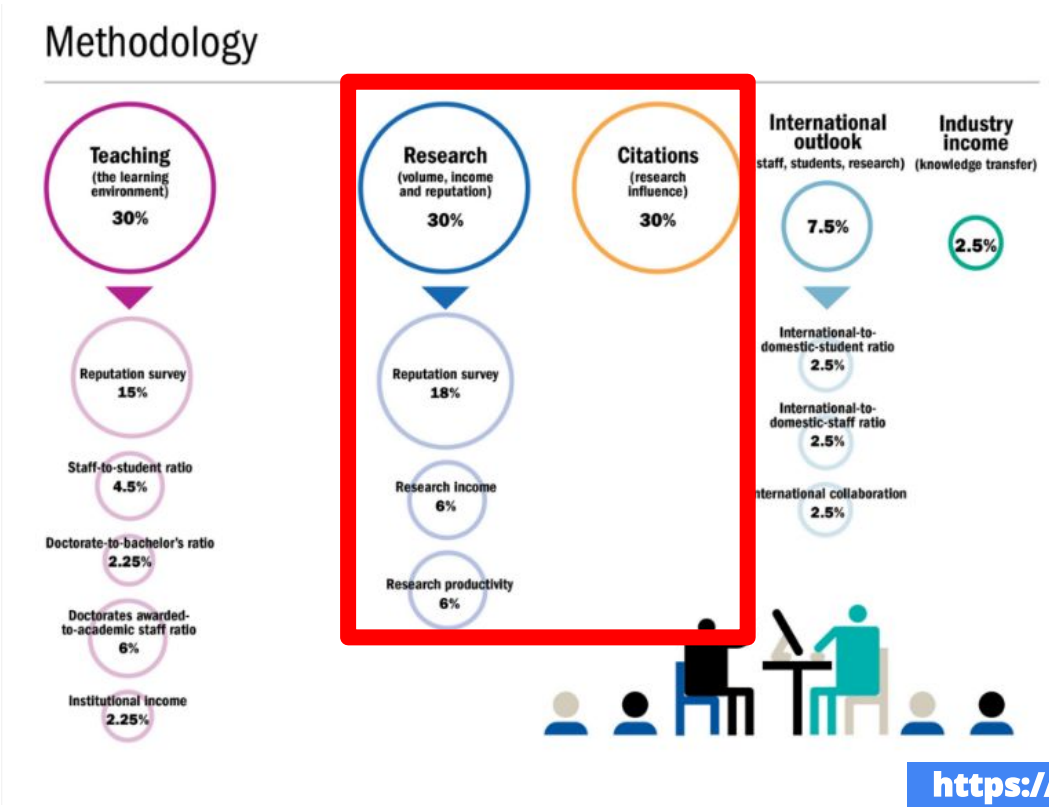
Initial Costs		
1. Hosting	—	CICT/ZAMREN
2. Set up	—	LIS/CICT
Recurring Costs		
1. Hosting	—	CICT/ZAMREN
2. ISSN subscription	USD 745.00+	Journal/Library
3. DOI subscription	USD 275.00+	Journal/Library
4. System administration	—	CICT

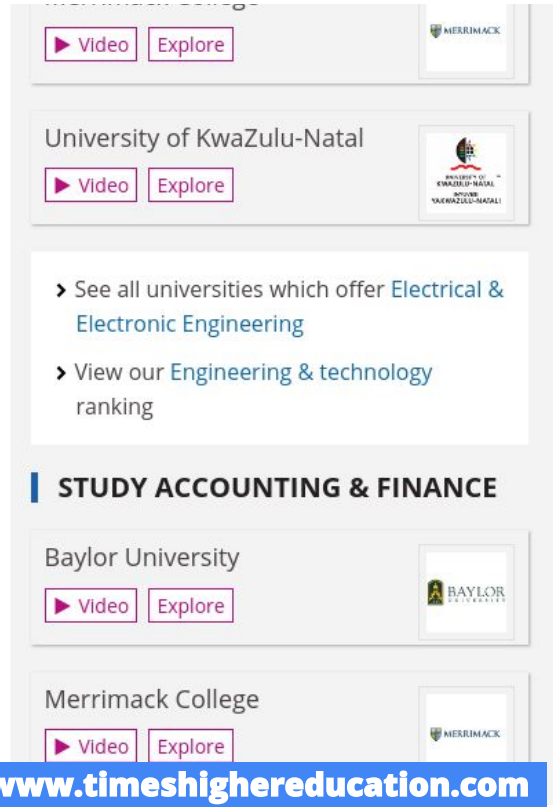
Summary (1)



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

Summary (2)





https://www.timeshighereducation.com

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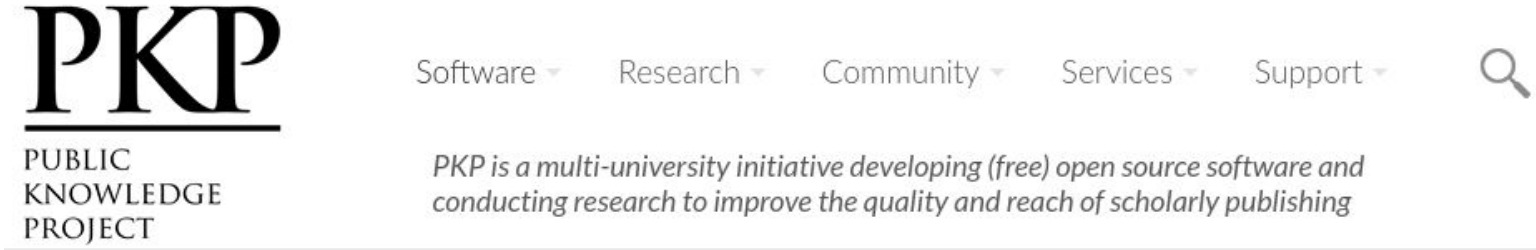
[1] Stranack, K. (2008) Starting a New Scholarly Journal in Africa http://pkp.sfu.ca/files/AfricaNewJournal.pdf



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