



The University of Zambia Journal Platform: Challenges and Potential Solutions

Lighton Phiri < lighton.phiri@unza.zm >
University of Zambia

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Outline

- **About the DataLab Research Group at UNZA**
- **About the University of Zambia**
- **The University of Zambia Journal Platform**
- **Challenge 1. Online Visibility of OJS Content**
- **Challenge 2. Administration of OJS Platform**
- **Challenge 3. Management of OJS Workflow**
- **Potential Solutions and Ongoing Work**

About the DataLab Research Group at The University of Zambia (1/3)

The screenshot shows the home page of the DataLab Research Group website. At the top is a navigation menu with links for Home, Research, Publications, Projects, Services, People, and Contact Us. Below the menu is a large grey header with the word "Home". The main content area features a paragraph describing the group's focus on data analysis and management, followed by three key research areas: Digital Libraries, Data Mining and Educational Technology. Below this are primary activities: Training, Research, Community Engagement, and Consultancy. A section titled "Recent Publications" lists three articles with "More Info." buttons. The bottom of the page includes a date and time stamp, a news item about Dr. Rabson Mbewe and Malaizyo Muzumara joining the group, and a blue banner with the URL <https://datalab.unza.zm>.

Home Research Publications Projects Services People Contact Us

Home

The DataLab group is a research laboratory at The University of Zambia. The group primarily conducts research focused on data analysis and data management, with focus on three key research areas:

- Digital Libraries;
- Data Mining and
- Educational Technology.

The primary activities conducted by the research laboratory are:

- Training;
- Research;
- Community Engagement and
- Consultancy

Recent Publications

Chipangila, Bertha, Eric Liswaniso, Andrew Mawila, Philomena Mwanza, Daisy Nawila, Robert M'sendo, Mayumbo Nyirenda, and Lighton Phiri. 2023. "Controlled Vocabularies In Digital Libraries: Challenges And Solutions For Increased Discoverability Of Digital Objects". *International Journal On Digital Libraries*, 17. doi:10.1007/s00799-023-00374-1. [More Info.](#)

Kasonde, Cecilia, Adrian Chisale, and Lighton Phiri. 2022. "Empirical Evaluation Of Etd-Ms Compliance In Institutional Repositories". In *25Th International Symposium On Electronic Theses And Dissertations*. Novi Sad, Serbia: Networked Digital Library of Theses and Dissertations. doi:10.5281/zenodo.7084847. [More Info.](#)

Kuyela, Kadeyo Mutale. 2022. "Investigating The Usefulness Of Interactive Tablets In Facilitating Teaching And Learning Activities: The Case Of Mwabu Tablet". Department Of Library And Information Science. Lusaka, Zambia: The University of Zambia. [More Info.](#)

News and Announcements

Thursday, June 29, 2023 - 09:43

Dr. Rabson Mbewe and Malaizyo Muzumara Joining the DataLab Research Group in 2023

<https://datalab.unza.zm>


About the DataLab Research Group at The University of Zambia (2/3)


Home Research Publications Projects Services **People** Contact Us


Home / People

People

Academic Staff



Ernest Obbie Zulu



Lighton Phiri



Rabson Mbewe


Undergraduate Student


2023



Chanda Chilufya
B.ICT With Education



Kamfwa Chileshe
B.ICT With Education



Memory Phiri
B.ICT With Education


Manda Chuulu
B.ICT With Education










<https://datalab.unza.zm/people>

About the DataLab Research Group at The University of Zambia (2/3)

Research visibility in the global South: towards increased online visibility of scholarly research output in Zambia.



View/Open

 paper-icict18-online_visibility.pdf
(199.6Kb)

Date

2018-12

Author

Phiri, Lighton

Type

Preprint

Language

en

Metadata

Show full item record

Scholarly research and publication form an integral part of the core functions of Higher Education Institutions (HEIs). It is generally standard practice for HEIs to deposit scholarly output into publicly accessible Institutional Repositories (IRs). While Zambia has seen a rise in the number of HEIs, with a total of six Public HEIs and 60 Private HEIs, there is little online visibility of scholarly output generated by these HEIs. A bibliometric analysis, focused on electronic theses and dissertations (ETDs), was conducted by harvesting scholarly publications from HEIs IRs, in order to demonstrate the low online visibility of scholarly research output in Zambia. We also outline technological initiatives, by using case examples from The University of Zambia, that can be employed to potentially increase the online visibility of HEIs scholarly output. Specifically, we illustrate how subject repositories and downstream aggregate services can be utilised to increase the visibility of scholarly output. The study shows that only two HEIs have established IRs, with noticeably low scholarly publications by academic staff. Furthermore, there is a noticeably long delay between the publication date of the ETDs and the ingestion date into the IRs. In addition, while not comprehensive, the proposed initiatives demonstrate technological initiatives that could be employed to increase the visibility of scholarly research output.

URI


<http://dspace.unza.zm/handle/123456789/5723>

Publisher

IEEE International Conference in Information and Communication Technologies

Subject

Research Subject Categories::SOCIAL SCIENCES::Other social sciences::Library and information science
Bibliometrics.
Institutional repositories.
Digital libraries.

Search 

Search UNZA Repository
 This Collection

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All of UNZA Repository

Communities & Collections

By Issue Date

Authors

Titles

Subjects

This Collection

By Issue Date

Authors

Titles

Subjects

MY ACCOUNT

Login

<http://dspace.unza.zm/handle/123456789/5723>


About the DataLab Research Group at The University of Zambia (2/3)

Research visibility in the global South: towards increased online visibility of scholarly research output in Zambia.

Search

- Search UNZA Repository
- This Collection

Home → International Journal of Metadata, Semantics and Ontologies → Vol. 14, No. 3

 NO ACCESS

Automatic classification of digital objects for improved metadata quality of electronic theses and dissertations in institutional repositories

Lighton Phiri

Published Online: January 26, 2021 · pp 234-248 · <https://doi.org/10.1504/IJMSO.2020.112804>

 PDF

 Tools

 Share

Abstract

Higher education institutions typically employ Institutional Repositories (IRs) in order to curate and make available Electronic Theses and Dissertations (ETDs). While most of these IRs are implemented with self-archiving functionalities, self-archiving practices are still a challenge. This arguably leads to inconsistencies in the tagging of digital objects with descriptive metadata potentially compromising searching and browsing of scholarly research output in IRs. This

 Figures  References  Related  Details



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History

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<https://doi.org/10.1504/IJMSO.2020.112804>

About the DataLab Research Group at The University of Zambia (2/3)

Research visibility in the global South: towards increased online visibility of scholarly research output in Zambia.

Search

- Search UNZA Repository
- This Collection

Home → International Journal of Metadata, Semantics and Ontologies → Vol. 14, No. 3

NO ACCESS

Automatic classification of digital objects for improved metadata quality of electronic theses and dissertations in institutional

Figures References Related

International Journal of
Metadata, Semantics
and Ontologies

Home > International Journal on Digital Libraries > Article

Published: 05 August 2023

Controlled vocabularies in digital libraries: challenges and solutions for increased discoverability of digital objects

Bertha Chipangila, Eric Liswaniso, Andrew Mawila, Philomena Mwanza, Daisy Nawila, Robert M'sendo, Mayumbo Nyirenda & Lighton Phiri

International Journal on Digital Libraries (2023) | [Cite this article](#)

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<https://doi.org/10.1007/s00799-023-00374-1>

About the DataLab Research Group at The University of Zambia (3/3)

The screenshot shows the 'Publications' page of the DataLab Research Group. The navigation menu includes Home, Research, Publications (selected), Projects, Services, People, and Contact Us. The breadcrumb trail is Home / Publications. The page title is 'Publications'. The content is organized by year, with 2023 and 2022 listed. Each publication entry includes the authors, year, title, journal/conference name, and a 'More Info.' button. The URL <https://datalab.unza.zm/publications> is displayed at the bottom right of the page.

Home Research Publications Projects Services People Contact Us

Home / Publications

Publications

2023

Chipangila, Bertha, Eric Liswaniso, Andrew Mawila, Philomena Mwanza, Daisy Nawila, Robert M'sendo, Mayumbo Nyirenda, and Lighton Phiri. 2023. "Controlled Vocabularies In Digital Libraries: Challenges And Solutions For Increased Discoverability Of Digital Objects". International Journal On Digital Libraries, 17. doi:10.1007/s00799-023-00374-1. [More Info.](#)

2022

Kuyela, Kadeyo Mutale. 2022. "Investigating The Usefulness Of Interactive Tablets In Facilitating Teaching And Learning Activities: The Case Of Mwabu Tablet". Department Of Library And Information Science. Lusaka, Zambia: The University of Zambia. [More Info.](#)

Kasonde, Cecilia, Adrian Chisale, and Lighton Phiri. 2022. "Empirical Evaluation Of Etd-Ms Compliance In Institutional Repositories". In 25Th International Symposium On Electronic Theses And Dissertations. Novi Sad, Serbia: Networked Digital Library of Theses and Dissertations. doi:10.5281/zenodo.7084847. [More Info.](#)

Zulu, Ernest Obbie, and Lighton Phiri. 2022. "Enterprise Medical Imaging For Improved Radiological Workflows: Towards An Interoperable And Standards-Based Medical Imaging Platform In Public Health Facilities In Zambia". In Zambia Digital Health Conference 2022. Lusaka, Zambia: Ministry of Health. https://www.moh.gov.zm/?wptb_di=160. [More Info.](#)

Zulu, Ernest Obbie, and Lighton Phiri. 2022. "Enterprise Medical Imaging In The Global South: Challenges And Opportunities". In 2022 Ist-Africa Conference. IEEE. [More Info.](#)


Chanda, Mulenga, Elizabeth Chirwa, Mirriam Kamanga, Mwenya Kayula, and Lighton Phiri. 2022. "Factors Influencing Co-Creation Of Open Education Resources Using Learning Object Repositories". In 14Th International Conference On Computer Supported Education (Csedu 2022), 405-412. SciTePress. doi:10.5220/0011090300003182. [More Info.](#)

<https://datalab.unza.zm/publications>


The University of Zambia is the Oldest and Largest Higher Learning Institution in Zambia

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Postgraduates >




International Students >



Distance Learning >

News



Announcements

US-Zambia Risk NCD Long Term Training Programme

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Preamble

As part of the Fogarty International Center (FIC) of the National Institutes of Health (NIH) funded United States-Zambia, addressing Risk Factors for Non-Communicable Diseases (US-Zambia Risk-NCD), the University of Zambia (UNZA), in collaboration with the George Washington University Milken Institute

Events

Vacancies

Lecturer/Researcher

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Applications are invited from suitably qualified and experienced persons to fill the following position:

Lecturer/Researcher

[Read more](#)

Applications are invited from suitably qualified and experienced persons to fill the following position:

Lecture

<https://unza.zm>

The University of Zambia is the Oldest and Largest Higher Learning Institution in Zambia

The image shows a screenshot of the University of Zambia's website. At the top, there is a navigation menu with links: APPLY NOW, ABOUT UNZA (About the University), STUDY @ UNZA (Studying With Us), CURRENT AFFAIRS (News & Events), CAMPUS LIFE (Student Affairs Unit), and RESEARCH (Frontiers of Knowledge). Below the menu is a banner with several images: a sign for the 'SCHOOL OF ENGINEERING MAIN BUILDING ESTABLISHED 1969', a 'UNZALAW ASSOCIATION' logo, a portrait of a woman, a 'THE UNIVERSITY OF ZAMBIA LAW ASSOCIATION' sign, a group of students, and a student working on a laptop. A large blue overlay in the center contains a list of bullet points. To the left of the overlay, there is a section for 'Undergraduate' with an arrow and a 'News' section with a photo of a building interior. At the bottom of the website, there is a footer with the text 'University of Zambia (UNZA), in collaboration with the George Washington University Milken Institute' and a 'Lecture' link. The URL 'https://unza.zm' is displayed in the bottom right corner.

- UNZA is a teaching and research university
- Established by an Act of Parliament in 1965
- 13 Schools/Faculties and over 27,000 students
- 885 academic members of staff and 154 postgraduate programmes
- **Revised academic promotion criteria uses a point-based system that emphasises publication quality using h-index score**

University of Zambia (UNZA), in collaboration with the George Washington University Milken Institute

<https://unza.zm>

University of Zambia Online Journal Platform

The screenshot displays the 'The University of Zambia Journals' website. At the top right, there are links for 'Register' and 'Login'. The main content area lists three journals:

- Journal of Research in Nursing, Midwifery and Health Sciences**
The Journal of Research in Nursing, Midwifery, and Health Sciences (JRNMHS) is an open-access, double-blind peer-reviewed journal published online at <https://journals.unza.zm/index.php/JRNMHS>. The journal is published Biannually (June and December) by the University of Zambia Press (UNZA PRESS) on behalf of the UNZA, School of Nursing Sciences (SoNS) in Zambia.
[View Journal](#) [Current Issue](#)
- Journal of Adult Education (online ISSN 2664-5688)**
The Journal of Adult Education (JAE) is a biannual journal-serial published twice a year. It covers contemporary issues in Adult education, community development education and Lifelong learning.
[View Journal](#) [Current Issue](#)
- Journal of Agricultural and Biomedical Sciences**
The University of Zambia Journal of Agricultural and Biomedical Sciences (UNZA-JABS) is a quarterly Journal open to journal article publications in the fields of agriculture, medicine, veterinary medicine and biomedical sciences as well as such allied life sciences. The Journal welcomes manuscripts submissions that meet the general criteria of significance and scientific excellence.
[View Journal](#) [Current Issue](#)

At the bottom of the screenshot, the URL <https://journals.unza.zm> is visible.

- Established in 2019, focusing on DRID journals
 - Training for editorial board members for DRID journals
 - Digitisation of legacy content conducted in 2020
 - Transition to online publishing in 2020
- A total of 15 University of Zambia affiliated journals

Challenge 1. Online Visibility of OJS Content (1/8)

The 2018 Research Productivity of the University of Zambia

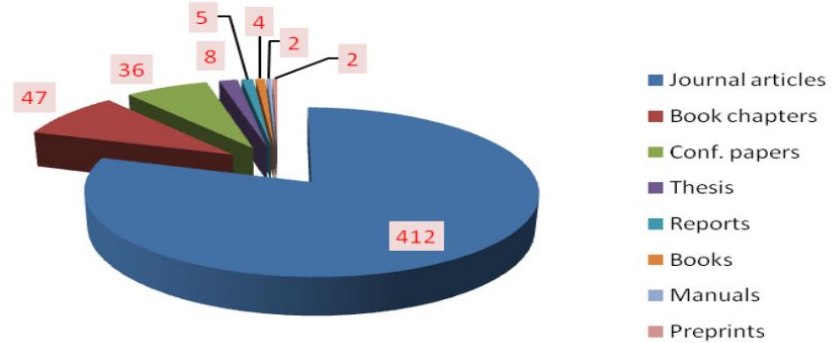
PDF

Published Jun 14, 2022

Paillet Chewe
University of Zambia
Eness M. Miyanda Chitumbo
The University of Zambia
Francis Chulu
The University of Zambia
Francina N. S. Makondo
The University of Zambia
Christine Wamunyima Kanyengo
The University of Zambia
Mercy Wamunyima Monde
The University of Zambia
Silumesi Kabilwa
The University of Zambia
Felicitas N. Moyo
The University of Zambia
Lighton Phiri
The University of Zambia
Wamundila Sitali
The University of Zambia
Akakandelwa Akakandelwa
The University of Zambia

Abstract

This paper presents the findings of a study on research productivity of the University of Zambia (UNZA) in the year 2018 using selected indicators. Data was collected from Scopus, PubMed,



School/Directorate/Unit	Publications	No. of staff	Output ratio
Education	133	143	0.9
Veterinary	127	46	2.8
Public health	120	41	2.9
Natural Sciences	102	125	0.8
Medicine	93	82	1.1
HSS	69	192	0.4
Agricultural Sciences	64	69	0.9
Nursing Sciences	51	25	2.0
Health Sciences	45	47	1.0
Engineering	43	82	0.5
IPD	10	7	0.7

<https://zajlis.unza.zm/index.php/journal/article/view/76/53>

Challenge 1. Online Visibility of OJS Content (2/8)

ranking	<u>World Rank</u> ▲	<u>University</u>	Det.	Country	<u>Presence Rank*</u>	<u>Impact Rank*</u>	<u>Openness Rank*</u>	<u>Excellence Rank*</u>
57	2524	University of Mauritius	19		2358	5585	2106	2484
58	2566	Suez Canal University	19		7600	9238	5495	1249
59	2577	Université Abou Bekr Belkaid Tlemcen	19		491	6841	2602	2395
60	2598	University of Zambia	19		424	8780	3826	1884
61	2629	Jomo Kenyatta University of Agriculture and	19		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>

Challenge 1. Online Visibility of OJS Content (3/8)

The screenshot shows a Google Scholar search interface. The search bar at the top contains the query 'site:unza.zm' and is highlighted with a red rectangle. Below the search bar, the results are displayed in a list format. The first result is 'Pancreatic cancer.' by L Banda, K Lishimpi, M Bechtold, G Phiri, and M Simuyandi, published in 2017. The second result is '[CITATION] Paradigms of economic development and beyond' by C Wilber and P J Kenneth, published in 1973. The third result is 'Technical and Allocative efficiency of smallholder maize farmers in Zambia' by S Chiona, published in 2012. The fourth result is 'Pedagogical challenges in teaching civic education in secondary schools in Zambia' by G Mulewa, O Manasu, and J Mweemba, published in 2020. Each result includes a link to the full text or PDF on the dspace.unza.zm repository. The left sidebar contains filters for 'Any time', 'Sort by relevance', and 'Any type'. The bottom right corner of the screenshot features a blue banner with the URL 'https://scholar.google.co.za'.

Google Scholar

site:unza.zm

About 5,740 results (0.02 sec)

Articles

Any time
Since 2022
Since 2021
Since 2018
Custom range...

Sort by relevance
Sort by date

Any type
Review articles

include patents
 include citations

Create alert

User profiles for:
University of Zambia - unza.zm

Pancreatic cancer. [PDF] dspace.unza.zm
L Banda, K Lishimpi, M Bechtold, G Phiri, M Simuyandi... - 2017 - dspace.unza.zm
In 2007, the Cancer Disease Hospital (CDH) was opened as the national referral center for patients diagnosed with cancer in Zambia. Since inception of the CDH, there has been no ...
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[CITATION] Paradigms of economic development and beyond [PDF] dspace.unza.zm
C Wilber, P J Kenneth - 1973 - dspace.unza.zm
Paradigms of economic development and beyond Toggle navigation Login Toggle navigation View Item UNZA Repository Home Library E-Reserve View Item UNZA Repository Home Library ...
☆ Save 📄 Cite Cited by 99 Related articles 🔗

Technical and Allocative efficiency of smallholder maize farmers in Zambia [PDF] dspace.unza.zm
S Chiona - 2012 - dspace.unza.zm
Maize is Zambia's staple food and is widely grown by smallholder farmers throughout the country. The productivity of this crop has been persistently low despite various private and ...
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Pedagogical challenges in teaching civic education in secondary schools in Zambia [PDF] dspace.unza.zm
G Mulewa, O Manasu, J Mweemba - 2020 - dspace.unza.zm

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https://scholar.google.co.za

Challenge 1. Online Visibility of OJS Content (4/8)

The screenshot shows a Google Scholar search interface. The search bar at the top contains the query 'site:journals.unza.zm' and is highlighted with a red rectangle. Below the search bar, the results are displayed in a list format. The first result is a PDF document titled 'Voices Confined to Classrooms: The Marginalised Status of Teachers in Curriculum Development in Lusaka, Zambia' from the 'Multidisciplinary Journal of Language and Social ...' published in 2018. The second result is a PDF document titled 'PUBLIC SECTOR REFORMS' CONTRIBUTION TO POOR PUBLIC SERVICE DELIVERY IN ZAMBIA: POOR IMPLEMENTATION OR DEFECTIVE PROGRAMMES?' from the 'ZANGO: Zambian Journal of Contemporary Issues' published in 2016. The third result is a PDF document titled 'The Significance of Religious Practices in Sport: The Case of Religion and Football in Zambia' from 'JL Ilubala-Ziwa, J Hachintu ...' published in 2021. The fourth result is a PDF document titled 'Teacher Collaboration in Curriculum Design Teams: Prospects and Challenges in the Zambian Education System'. The left sidebar contains filters for 'Articles', 'Any time', 'Sort by relevance', 'Any type', and 'include citations'. The bottom right corner of the page features a blue banner with the URL 'https://scholar.google.co.za'.

Google Scholar

site:journals.unza.zm

Articles

About 30 results (0.02 sec)

My profile My library

[PDF] [Voices Confined to Classrooms: The Marginalised Status of Teachers in Curriculum Development in Lusaka, Zambia](#) [PDF] journals.unza.zm
[C Mwanza](#) - [Multidisciplinary Journal of Language and Social ...](#), 2018 - journals.unza.zm
Abstract Curriculum development for Early Childhood, Primary and Secondary School levels in Zambia has received much attention since the revision which commenced in 2013 and ...
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[PDF] [PUBLIC SECTOR REFORMS' CONTRIBUTION TO POOR PUBLIC SERVICE DELIVERY IN ZAMBIA: POOR IMPLEMENTATION OR DEFECTIVE PROGRAMMES?](#) [PDF] journals.unza.zm
[R Malisase](#) - [ZANGO: Zambian Journal of Contemporary Issues](#), 2016 - journals.unza.zm
The ultimate goal of any public sector reform is always effective and efficient delivery of public services in the right quality and quantity. Amazingly, evidences seems to suggest that ...
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[PDF] [The Significance of Religious Practices in Sport: The Case of Religion and Football in Zambia](#) [PDF] journals.unza.zm
[JL Ilubala-Ziwa, J Hachintu ...](#) (2664-083X, Online ISSN: Print ISSN ..., 2021 - journals.unza.zm
Sporting is an important activity in the lives of many youths in Zambia. It is common that people rarely think of religion when talking about sports. Without contradiction, Zambia is ...
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[PDF] [Teacher Collaboration in Curriculum Design Teams: Prospects and Challenges in the Zambian Education System](#) [PDF] journals.unza.zm

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Challenge 1. Online Visibility of OJS Content (5/8)

PROMOTING ACCESS TO AFRICAN RESEARCH

Google Custom Search


AFRICAN JOURNALS ONLINE (AJOL) JOURNALS ADVANCED SEARCH USING AJOL RESOURCES

African Journals Online (AJOL)

Home > African Journals Online (AJOL)

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


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 part from all over the continent, AJOL works to change this, so that African-origin researchers can access the work of Africanists 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](#)

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HOW TO USE AJOL ...

- for Researchers
- for Librarians
- for Authors
- for Administrators

AJOL aggregates scholarly output from journals in Africa

<https://www.ajol.info>

Challenge 1. Online Visibility of OJS Content (6/8)

- 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: South Africa

None of 15 UNZA journals syndicate content to AJOL



Information Systems

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

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)

<https://www.ajol.info>

Challenge 1. Online Visibility of OJS Content (7/8)

The screenshot shows the DOAJ website interface. At the top left is the logo 'DOAJ' in orange and 'DIRECTORY OF OPEN ACCESS JOURNALS' in black. To the right is an orange button labeled 'SUPPORT DOAJ'. Below the logo is a navigation bar with links: Home, Search, Browse Subjects (highlighted), Apply, News, About, For Publishers, API, and Login. The main content area is titled 'Browse Subjects' and includes a paragraph explaining that journals are categorized using a subset of the Library of Congress Classification. Below this is a search box labeled 'search subjects ...' and a button labeled 'Select a subject from the tree.'. On the left is a tree view of subjects, including Agriculture, Auxiliary sciences of history, Bibliography, Library science, Information resources, Education, Fine Arts, General Works, Geography, Anthropology, Recreation, History (General) and history of Europe, History America, Language and Literature, and Law. On the right, there are three summary boxes: the first shows '11,821 Journals', '8,574 searchable at Article level', '128 Countries', and '3,203,785 Articles'; the second lists links for 'FAQs', 'OAI-PMH, XML, Widgets', 'Open Access Resources', 'Best Practice', 'Download metadata', and 'New Journals Feed'; the third contains the text 'Facilitating funding for sustainable OA (includes SCOSS)'. At the bottom right, there are links for 'Our members' and 'Our publisher m' next to a blue button with the URL 'https://doaj.org'.

DOAJ DIRECTORY OF OPEN ACCESS JOURNALS

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Home Search **Browse Subjects** Apply News About For Publishers API Login

Browse Subjects

Journals and their articles are categorised using a subset of [the Library of Congress Classification](#). You can either type a keyword into the box below or click the arrows in the tree to expand and collapse subjects. Clicking on a subject will reveal the number of available records in the box on the right.

search subjects ...

Select a subject from the tree.

- Agriculture
- Auxiliary sciences of history
- Bibliography, Library science, Information resources
- Education
- Fine Arts
- General Works
- Geography, Anthropology, Recreation
- History (General) and history of Europe
- History America
- Language and Literature
- Law

11,821 Journals
8,574 searchable at Article level
128 Countries
3,203,785 Articles

FAQs
[OAI-PMH, XML, Widgets](#)
[Open Access Resources](#)
[Best Practice](#)
[Download metadata](#)
[New Journals Feed](#)

Facilitating funding for sustainable OA (includes SCOSS)

Our members
Our publisher m

<https://doaj.org>

Challenge 1. Online Visibility of OJS Content (8/8)

share | embed 10 order by ... relevance search all search term

Journals vs Articles: Journals 1 – 10 of 11,821

Country of publisher

- 200 a-z OR
- Yemen (5)
- Viet Nam (1)
- Venezuela, Bolivarian Republic of (28)
- Uruguay (17)
- United States (648)
- United Kingdom (1365)

Global justice: Theory, Practice, Rhetoric
ISSN: 1835-6842 (Online)
<http://www.theglobaljusticenetwork.org>
Peer review
Subject: Political science: Political science (General)
Date added to DOAJ: 29 Sept 2017
Record Last Updated: 31 Jan 2018
License: Publisher's own license

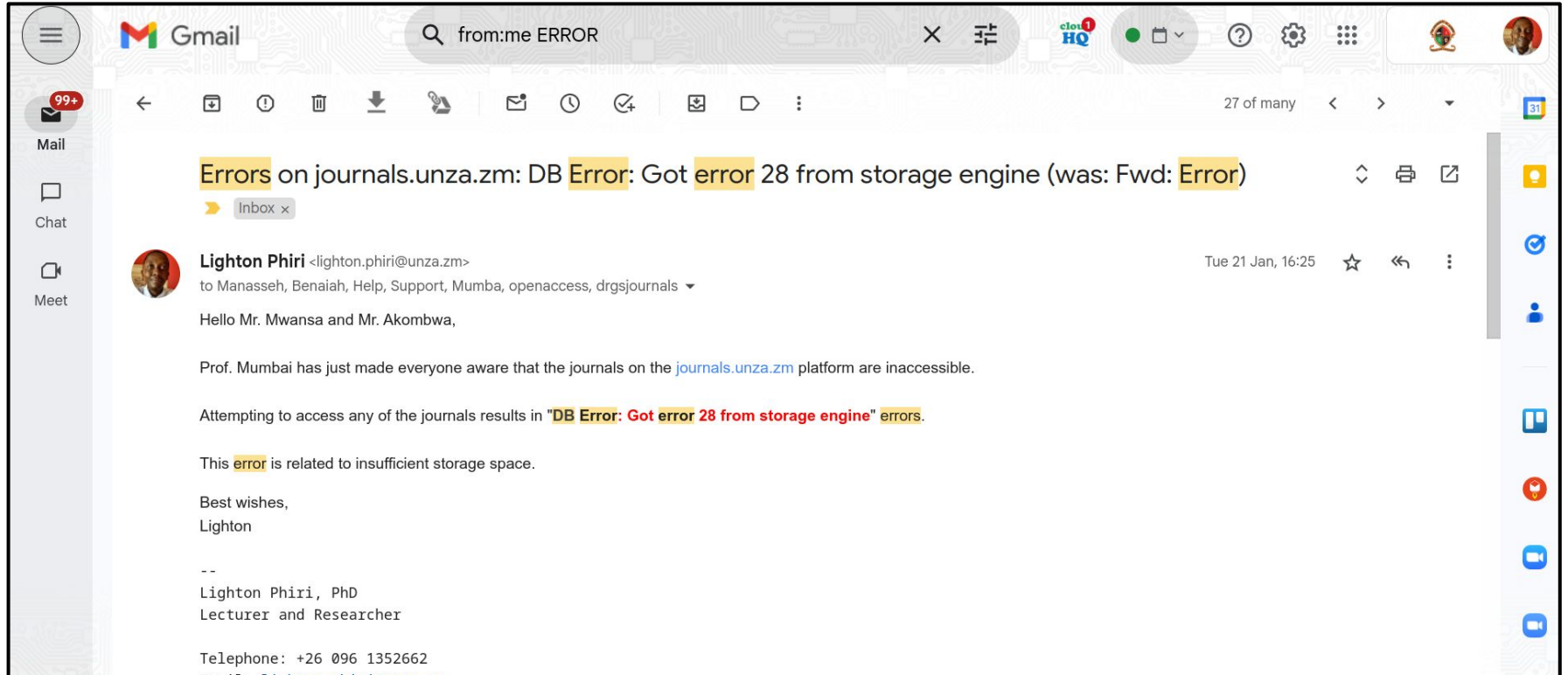
Jurnal Pendidikan: Teori, Penelitian dan Pengembangan
ISSN: 2502-471X (Online)
<http://journal.um.ac.id/index.php/jurnal-pendidikan>
Blind peer review
Subject: Education: Education (General)
Date added to DOAJ: 13 Apr 2017
Record Last Updated: 13 Apr 2017
License: CC BY-SA
APC: 250000IDR

Journal of Problem Solving
ISSN: 1932-6246 (Online)
<http://docs.lib.purdue.edu/jps/>
Double blind peer review
Subject: Philosophy. Psychology. Religion: Psychology: Consciousness. Cognition
Date added to DOAJ: 3 Aug 2009
Record Last Updated: 26 Feb 2018
License: CC BY-NC-ND
APC: 500USD

None of 15 UNZA journals syndicate content to DOAJ

<https://doaj.org>

Challenge 2. Administration and Operation & Maintenance (1/4)



The screenshot shows a Gmail interface with a search bar containing "from:me ERROR". The email subject is "Errors on journals.unza.zm: DB Error: Got error 28 from storage engine (was: Fwd: Error)". The sender is Lighton Phiri, a Lecturer and Researcher at UNZA. The email content reports that the journals platform is inaccessible due to a "DB Error: Got error 28 from storage engine" caused by insufficient storage space.

Errors on journals.unza.zm: DB Error: Got error 28 from storage engine (was: Fwd: Error)

Inbox x

Lighton Phiri <lighton.phiri@unza.zm>
to Manasseh, Benaiah, Help, Support, Mumba, openaccess, drgsjournals

Tue 21 Jan, 16:25

Hello Mr. Mwansa and Mr. Akombwa,

Prof. Mumbai has just made everyone aware that the journals on the journals.unza.zm platform are inaccessible.

Attempting to access any of the journals results in "DB Error: Got error 28 from storage engine" errors.

This error is related to insufficient storage space.

Best wishes,
Lighton

--
Lighton Phiri, PhD
Lecturer and Researcher

Telephone: +26 096 1352662

Challenge 2. Administration and Operation & Maintenance (2/4)

The web deposit form allows Crossref members to deposit content and register DOIs. Learn more about [how to use the web deposit form](#).

Note: Your Crossref username and password will be required at the end of this process to submit data to the system.

Step 1: Select Record Type

Record Selection

Select Data Type: Journal Book Conference Proceedings Report Dissertation Crossmark Policy page
 NLM File **BETA** Supplemental-Metadata Upload **BETA**

Step 2: Identify the Journal

Journal information

Title+

Abbr.+

Journal DOI+

<https://apps.crossref.org/webDeposit>

Challenge 2. Administration and Operation & Maintenance (3/4)

The screenshot displays the 'Submission and Publication Metadata' form for an article. The article title is 'The Resemiotisation and Intertextuality of Multimodal Discourses in Linguistic Landscape of Lusaka, Zambia' by Pauline Tembo, Gabriel Simungala, and Hambaba Jimba. The form includes fields for Section (Articles), Prefix, Title, Subtitle, and Abstract. A 'List of Contributors' table is also visible.

Name	E-mail	Role	Primary Contact	In Browse Lists
Pauline Tembo	paulinetmb@gmail.com	Author	✓	✓
Gabriel Simungala	gabrielns@live.com	Author		✓

<https://journals.unza.zm>

Challenge 2. Administration and Operation & Maintenance (4/4)

The screenshot displays the University of Zambia website. The top navigation bar includes links for HOME, STUDENTS, STAFF, ALUMNI, LIBRARY, E-LEARNING, JOURNALS, PMS, POLICIES, GSB, IDE, PG, and INTERNATIONAL. The main header features the University of Zambia logo and name, along with navigation links for APPLY NOW, ABOUT UNZA (About the University), STUDY @ UNZA (Studying With Us), CURRENT AFFAIRS (News & Events), CAMPUS LIFE (Student Affairs Unit), and RESEARCH (Frontiers of Knowledge). The main content area is divided into three sections: Directorates, Centre for Information and Communication Technologies, and Contacts. The Directorates section lists the Centre for Information and Communication Technologies, the Directorate of Research, Innovation and Development, and Quality Assurance. The Centre for Information and Communication Technologies section features a large image of a computer monitor displaying the slogan 'WORKHARD ANYWHERE' and a laptop in the foreground. The Contacts section provides the address of the Great East Road Campus (PO Box 52379, Lusaka) and contact numbers for the Registrar (+26 096 118 3088), Bursar (+26 021 125 4863), Academic Office (+26 021 129 5220), and Fax (+26 021 125 3952).

- **CICT handles surface-level O&M, e.g. installation, upgrades, server maintenance**
- **Other issues causing challenges**
 - Indexing and Search engine optimisation; OAI-PMH configuration; metadata management; plugin management

Challenge 3. Administration and Operation & Maintenance (1/6)

The screenshot shows an email client interface. On the left is a sidebar with 'Mail' (99+), 'Chat', and 'Meet'. The main area displays an email from 'Jonas' to 'Balimu Mwiya' dated 'Wed 22 Jan, 10:55'. The email content is as follows:

Greetings Doc.,
My name is Balimu Mwiya and I am Chief Editor of JONAS.
In the last quarter of 2024, I was not well and underwent major surgery. I was off sick and only reported back to work. I have been trying to catch up on what has transpired. In this regard, I would like to make an appointment with you so that you could bring me up to speed. Please let me know when you are available.
Regards,

Below the text is a contact card for Dr. Balimu Mwiya, Lecturer/Researcher at the University of Zambia, School of Engineering, Great East Road Campus. The card includes his P.O. Box (32379), location (Lusaka, Zambia), and mobile numbers (+260 965 837 400 / +260 955 837 400). The card features the University of Zambia logo and a Zambian flag.

Challenge 3. Administration and Operation & Maintenance (2/6)

Journal of Natural and Applied Sciences Tasks 33 English View Site lightonphiri

Metadata Editorial History Submission Library

Rapid Smartphone-based Image Reading for Assessing Quality of Active Pharmaceutical Ingredients of Commonly Prescribed Drugs-Lusaka Zambia

James Nyirenda

Submission Review Copyediting Production Help

Submission Files

Q Search Upload File

2679-1	nyirenda, Author, 04 04 2022 Rapid Smartphone Manuscript.docx	Article Text
2680-1	nyirenda, Author, Smartphone Supplementary 04 04 2022.docx	Other
2692-1	levysiaminwe, Journal editor, 743-Research Instrument-2690-1-18-20220416-R.docx	Article Text
2693-1	levysiaminwe, Journal editor, 743-Article Text-2688-2-18-20220416-R.docx	Article Text

Download All Files

Pre-Review Discussions

Name	From	Last Reply	Replies	Closed
=	levysiaminwe Apr/14	-	0	<input type="checkbox"/>
Missing Details on Submission	levysiaminwe Apr/14	levysiaminwe Apr/18	3	<input type="checkbox"/>

Send to Review

Accept and Skip Review

Decline Submission

Participants

Assign

Journal editor

- Levy Siaminwe

Author

- James Nyirenda

<https://journals.unza.zm>

Challenge 3. Administration and Operation & Maintenance (3/6)

The screenshot displays the 'Review' tab of a journal administration system. The interface includes a dark sidebar on the left with navigation options: Issues, Settings, Users & Roles, and Tools. The main content area has a top navigation bar with 'Submission', 'Review' (highlighted with a red box), 'Copyediting', and 'Production'. A 'Help' icon is in the top right. Below the navigation bar, there are tabs for 'Round 1' and 'New Review Round'. A 'Round 1 Status' box indicates that revisions have been submitted. The 'Review Files' section contains a table with two entries, each with a document icon, a file ID, a filename, and the type 'Article Text'. The 'Reviewers' section lists three reviewers: Simon Tembo, Grayson Himunzowa (marked as 'Overdue' with a red label and a review due date of 2022-05-16), and Jackson Phiri. On the right side, there are buttons for 'Request Revisions', 'Accept Submission', and 'Decline Submission', along with a 'Participants' section listing 'Levy Siaminwe' under the 'Journal editor' role and an 'Author' role.

Submission **Review** Copyediting Production Help

Round 1 **New Review Round**

Round 1 Status
Revisions have been submitted.

Review Files Q Search Upload/Select Files

File ID	Filename	Type
2694-1	Journal editor, 743-Research Instrument-2690-1-18-20220416-R.docx	Article Text
2695-1	Journal editor, 743-Article Text-2688-2-18-20220416-R.docx	Article Text

Reviewers Add Reviewer

Reviewer	Actions
Simon Tembo	Revert Decision
Grayson Himunzowa	Send Reminder
Jackson Phiri	Revert Decision

Request Revisions

Accept Submission

Decline Submission

Participants Assign

Journal editor

- Levy Siaminwe

Author

<https://journals.unza.zm>

Challenge 3. Administration and Operation & Maintenance (4/6)

submitted their review elsewhere, you may upload the file below and then press "Confirm" to proceed.

Completed: 2022-07-21 06:42 AM

Recommendation: Revisions Required

Is the article appropriate for the Journal of Natural and Applied Sciences (JONAS)?

- Yes
 No

Comment on Title: Does it clearly describe the article? If not provide any suggestion if possible.

The title of the article is very appropriate, clear and describe the content of the paper in where the author is proposing a mobile application based solution using a Smartphone for image analysis of Thin Layer Chromatography image of Commonly Prescribed Drugs-Lusaka Zambia

Comment on Introduction: Does it summarise relevant literature to provide context, and clearly state the problem being investigated? Is the aim/objectives clearly stated?

Please Rate the Manuscript Originality

1. Excellent
 2. Good
 3. Average
 4. Poor

Please Rate the Manuscript Contribution to the field

1. Excellent
 2. Good
 3. Average
 4. Poor

Please Rate the Manuscript Technical Quality

1. Excellent
 2. Good
 3. Average
 4. Poor

Please Rate the Manuscript Clarity of Presentation

1. Excellent
 2. Good
 3. Average
 4. Poor

Please Rate the Manuscript Depth of Research

1. Excellent
 2. Good
 3. Average

<https://journals.unza.zm>

Challenge 3. Administration and Operation & Maintenance (5/6)

Journal of Natural and Applied Sciences Tasks 33 English View Site lightonphiri

Metadata Editorial History Submission Library

Rapid Smartphone-based Image Reading for Assessing Quality of Active Pharmaceutical Ingredients of Commonly Prescribed Drugs-Lusaka Zambia

James Nyirenda

Submission **Review** **Copyediting** Production Help

Draft Files Search Upload/Select Files Send To Production

No Files

Copyediting Discussions Add discussion

Name	From	Last Reply	Replies	Closed
No Items				

Participants Assign

Journal editor

- Levy Siaminwe

Author

- James Nyirenda

Copyedited Search Upload/Select Files

<https://journals.unza.zm>

Challenge 3. Administration and Operation & Maintenance (6/6)

The screenshot displays the journal submission system interface for the article "Rapid Smartphone-based Image Reading for Assessing Quality of Active Pharmaceutical Ingredients of Commonly Prescribed Drugs-Lusaka Zambia" by James Nyirenda. The interface includes a top navigation bar with "Journal of Natural and Applied Sciences", "Tasks 33", "English", "View Site", and "lightonphiri". A secondary navigation bar contains "Metadata", "Editorial History", and "Submission Library". A left sidebar lists "Submissions", "Issues", "Settings", "Users & Roles", and "Tools". The main content area features a tabbed interface with "Submission", "Review", "Copyediting", and "Production" (highlighted with a red box). Below the tabs are sections for "Production Ready Files" (with "No Files" and "Upload File" options), "Production Discussions" (with "Add discussion" and "No Items"), and "Galleys" (with "Add galley"). A right sidebar includes "Schedule For Publication", "Participants" (with "Assign" and "Levy Siaminwe"), and "Author" (with "James Nyirenda"). A "Help" icon is also present.

Journal of Natural and Applied Sciences ▾ Tasks 33 English View Site lightonphiri

Metadata Editorial History Submission Library

Rapid Smartphone-based Image Reading for Assessing Quality of Active Pharmaceutical Ingredients of Commonly Prescribed Drugs-Lusaka Zambia
James Nyirenda

Submission Review Copyediting **Production** Help

Production Ready Files Search Upload File

No Files

Production Discussions Add discussion

Name	From	Last Reply	Replies	Closed
No Items				

Galleys Add galley

Schedule For Publication

Participants Assign

Journal editor

- Levy Siaminwe

Author

- James Nyirenda

https://journals.unza.zm

Potential Solutions and Ongoing Work



The screenshot shows the EIFL website page for the project 'STRENGTHENING NO-FEE OA JOURNALS AT UNIVERSITY OF ZAMBIA'. The page features a navigation bar with the EIFL logo and links for 'ABOUT', 'WHAT WE DO', 'WHERE WE WORK', 'IN ACTION', 'RESOURCES', and 'NEWS & EVENTS'. A search icon and a 'TEXT ONLY' button are also present. The main heading is 'STRENGTHENING NO-FEE OA JOURNALS AT UNIVERSITY OF ZAMBIA', followed by the subtitle 'EIFL support for project to strengthen no-fee open access publishing in Africa'. A breadcrumb trail reads 'Home > EIFL In Action > Strengthening no-fee OA journals at University of Zambia'. The content area includes an image of the 'JABS' journal cover (Journal of Agricultural and Biomedical Sciences) and a text block describing the project. The text states that the University of Zambia (UNZA) has initiated a project to encourage greater institutional support for no-fee open access publishing, strengthen editorial processes, and improve discoverability of journal articles. It also mentions that UNZA-JABS is a no-fee open access peer-reviewed quarterly journal publishing research in agriculture, medicine, veterinary medicine, biomedical sciences, and allied life sciences. A final sentence indicates that in 2019, UNZA transitioned all its official print journals to open access.

STRENGTHENING NO-FEE OA JOURNALS AT UNIVERSITY OF ZAMBIA

EIFL support for project to strengthen no-fee open access publishing in Africa

Home > EIFL In Action > Strengthening no-fee OA journals at University of Zambia



University of Zambia (UNZA) has initiated a project that aims to encourage greater institutional support for no-fee open access publishing at the university. The project will strengthen the editorial processes and procedures of the journal of Agricultural and Biomedical Sciences (JABS), and improve discoverability of journal articles.

UNZA-JABS is an no-fee open access peer-reviewed quarterly journal that publishes research in the fields of agriculture, medicine, veterinary medicine, biomedical sciences and allied life sciences.

In 2019, UNZA transitioned all its official print journals,

<https://www.eifl.net/eifl-in-action/strengthening-no-fee-oa-journals-university-zambia>



The University of Zambia Journal Platform: Challenges and Potential Solutions

Lighton Phiri < lighton.phiri@unza.zm >
University of Zambia

March 3, 2025

