

# Open Science Advocacy and Capacity Building in Nigeria

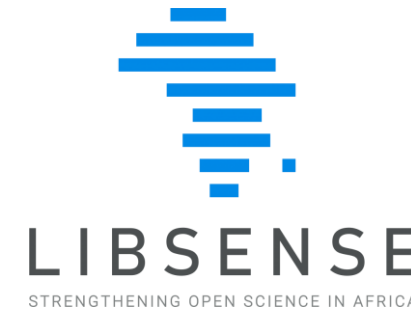
*By:*

Dr. Fatimah Jibril Abduldayan

Team Lead,

LIBSENSE ECR- Nigeria

# Introduction



- **The Research Data Management (RDM) Advocacy Group** is a group of Early Career Researchers (ECRs) from various academic institutions in Nigeria that are passionate about developing and implementing a coordinated set of activities to inform Research Data Management (RDM) policy, research ethic practices, open access publishing, and research assessment reforms in Nigerian institutions.
- With WACREN and LIBSENSE's support, the group has metamorphosed to be known as the **LIBSENSE Open Science Nigeria**.

# The LIBSENSE Nigeria Group

The founding ECRs and their institutions of affiliation are:

- Federal University of Technology Minna (**Dr Fatimah Jibril Aduldayan & Dr Sadiat Adetoro**)
- Redeemers University, Ede (**Dr Basiru Adetomiwa**)
- Lead City University, Ibadan (**Dr Sophia Adeyeye**)
- Lagos State University of Science & Technology (**Dr Taiwo Ajayi**)
- Ignatius Ajuru University of Education, Portharcourt (**Mrs Benedicta Uchendu**)
- University of Nigeria, Nsukka (**Mrs Ify Obim**)
- ABU Zaria (**Dr Opeyemi Quadri**)
- University of Jos (**Mrs Tihyaunin Dang**)



# **LIBSENSE Nigeria Priority Areas**

- Research Data Management Policy
- Diamond Open Access Publishing
- Research Assessment Reforms
- Capacity Building
- Research Infrastructure
- Research Ethics Policy
- Open Science Governance Structure

# **LIBSENSE NIGERIA**

Contributions at the National Level

# Our Contributions at National Level

The group in collaboration with the **Association of University Librarians of Nigerian Universities (AULNU)**, **Committee of Vice Chancellors in Nigerian Universities (CVC-NU)**, and the **LIBSENSE Network of Experts** have come out with several outputs:

1. A new common repository [metadata schema](#)
2. A call to [action on assessment systems](#)
3. Work plans and policy directions derived from a research data management [\(RDM\) workshop](#)
4. A national report on [Diamond Open Access journal](#)

We [presented](#) these outputs at priority-setting leadership engagement meetings in Lagos, Abuja, Port Harcourt, and Ghana.



# Our Contributions at the National Level

- Adapting the LIBSENSE Institutional Open Science template at the Summit University Offa and UBEC-DRC Research Grant Cycle ([LIBSENSE Open Science Policy Template](#))
- The **African Journal of Library, Archives and Information Science (AJLAIS)** journal is going DIAMOND OPEN ACCESS
- **Nigerian Libraries** (Journal of the Nigerian Library Association) is adopting Open Access.

# Our Contributions at the National Level

- A call to action by librarians on Open Science practices on campuses at the Nigerian Library Association (NLA) Conference in Port Harcourt, Rivers State. The workshop was supported by the NLA, WACREN-LIBSENSE, Data Cite, and American Spaces.





# The LIBSENSE Open Science Nigeria at the NLA National Workshop

(Watch the full recording on Facebook here: [NLA Workshop](#))



12:59  
Was LIVE

Nigerian Library Association  
Librarians on Open Science

1. How familiar are you with the concept of Open Science?

Very Familiar  
Somewhat Familiar  
Not Familiar

Tihyaunin Difur • 1:49:28  
My team LIBSENSE NG presenting now 2

NIGERIAN LIBRARY ASSOCIATION • 0:00  
OPENING CEREMONIES

Comment... Overview Comments

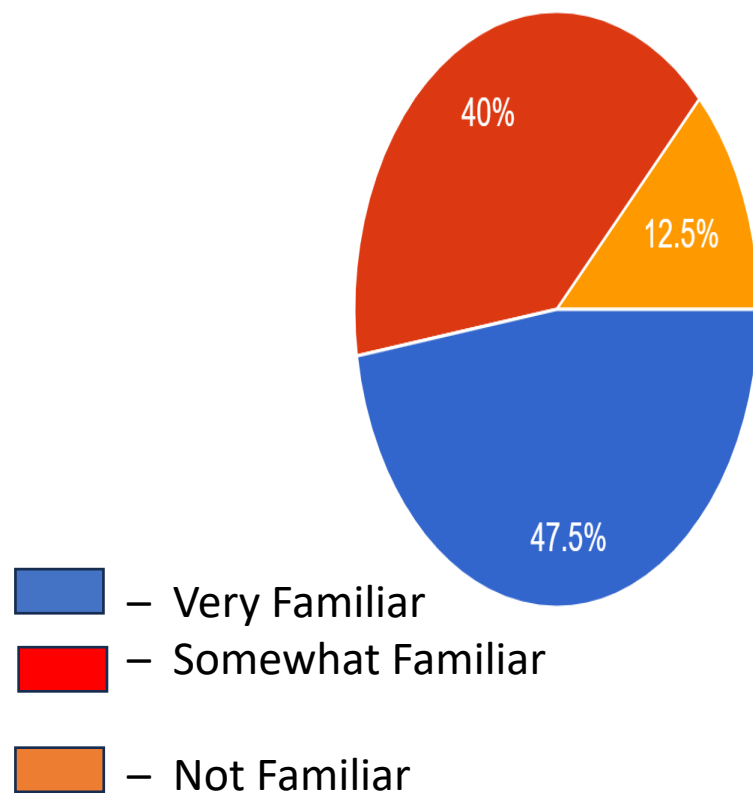
# LIBSENSE NIGERIA

Contributions at our various campuses

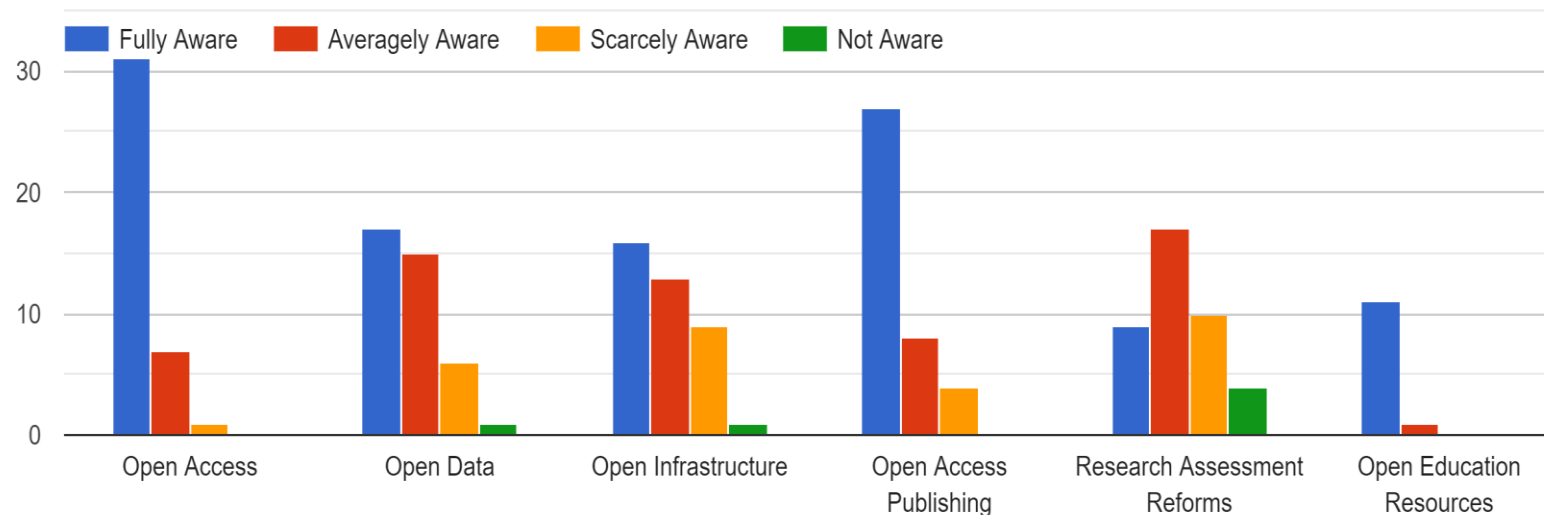
# Survey Results on Perception of Librarians on Open Science

## 1. How familiar are you with the concept of Open Science?

40 responses

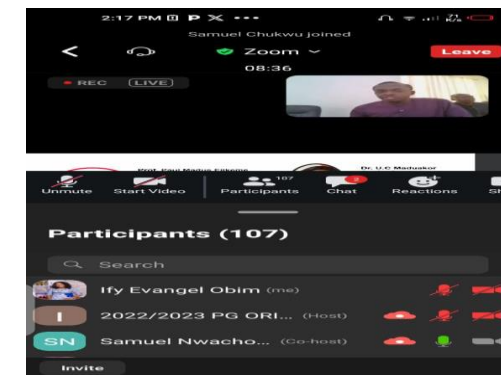


## 2. Rate your level of awareness of the following aspects Open Science.



# Contributions at our various campuses

1. Establishing the Research Management Office headed by the Deputy Vice-Chancellor (Research) and deployment of the Institutional Repository online (**Lead City University**).
2. Increased awareness and number of researchers with persistent identifiers (ORCID) in our institutions (**LASUSTECH, Uni Jos, ABU Zaria**).
3. Capacity building for postgraduate students, librarians, and faculty staff on research data management, open access literature search, open access publishing routes, and use of open data repository and IR (**FUT Minna, Redeemers University, UNN, Ignatius Ajuru Uni**).
4. Stakeholder engagement on RDM and Research Ethics policy review and implementation (**All universities**).



# Contributions at our various campuses

## 5. Capacity building workshop series for postgraduate students and lecturers



FEDERAL UNIVERSITY OF TECHNOLOGY MINNA  
SCHOOL OF SCIENCE AND TECHNOLOGY EDUCATION (SSTE)  
THE EDUCATIONAL TECHNOLOGY DEPARTMENT PRESENTS:

### ONE-DAY RESEARCH WORKSHOP FOR PG STUDENTS

**Chief Host**      **Host**      **Facilitators**



**PROF. A. J. GAMBARI**  
TOPIC: FREE CERTIFICATION AND GRANT PROPOSAL WRITING OPPORTUNITIES.



**DR. I. I. KUTA**  
ASSOCIATE PROFESSOR, THE HEAD OF DEPARTMENT, EDUCATIONAL TECHNOLOGY



**DR. F. J. ABDULDAYAN**  
TOPIC: RESEARCH DATA MANAGEMENT AND ACADEMIC INTEGRITY IN POSTGRADUATE RESEARCHES




**DR. A. A. YAKI**  
TOPIC: CRITICAL ACADEMIC WRITING

**4TH JULY, 2024 / 8AM**  
**NLH, BOSSO CAMPUS**

**SIDE ATTRACTIONS**

- ▶ ZOTERO
- ▶ VIME
- ▶ CERTIFICATE OF PARTICIPATION
- ▶ ZOOM LINK AND FACEBOOK LIVE WILL BE AVAILABLE


For enquiries contact: 0803 965 7282




**UNIVERSITY LIBRARY SERVICES**  
**FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA**

**INVITES YOU TO HER WEBINAR SERIES FOR ACADEMIC STAFF AND PG STUDENTS**

**Topic: Routes to Open Access Publishing**  
**Date: Thursday 25th April, 2024**  
**Time: 10am-11am**  
**Venue: Zoom: <https://bit.ly/ULS-FUT-OAP>**




**Dr. Musa Baba Adamu**  
E-Library Unit Moderator



**Dr. Salau S.A.**  
Systems and Multi Media Division Presenter


For enquiries: +234 7068231913/ +234 8036754840


**UNIVERSITY LIBRARY SERVICES**  
**FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA**

**INVITES YOU TO HER WEBINAR SERIES FOR ACADEMIC STAFF AND PG STUDENTS**

**Topic: Research Data Management/ Ethics in Research**  
**Date: Wednesday 26th June, 2024**  
**Time: 10am-11am**  
**Venue: Zoom**



**Dr. Sadiat Adetoro Salau**  
Systems/ Multi Media Division Moderator



**Dr. Fatimah Abduldayan**  
Dept. of Library & Information Science Presenter

For enquiries: +234 7068231913/ +234 8036754840

# Call to Action!

How can I start the Open Science conversation on my campus?

# Call to Action!

- Organize an Open Science awareness event: Host a seminar, panel discussion, or workshop to introduce the principles and benefits of Open Science to the campus community. Invite researchers, librarians, and university leadership to share their perspectives.
- Assess your campus's Open Science readiness: Survey to gauge the campus community's awareness.
- Collaborate with the library: Work with your campus library to showcase its resources and services that support Open Science, such as data and institutional repositories, open-access publishing routes, funds and grants on open science.
- Leverage some LIBSENSE outputs for a start (e.g. metadata schema for Institutional Repositories, Open Science policy template) including emerging research assessment initiatives and issues (e.g. Declaration on Research Assessment (DORA), Retraction Watch etc.).
- Engage students and research groups on RDM best practices (undergraduate and postgraduate).
- Discuss incentivising research process and output with your management and stakeholders.
- Leverage social media and academic networking sites for collaboration and funding opportunities (LinkedIn & Twitter).

**The key is to start small, build momentum and engage diverse stakeholders on your campus. By fostering a culture of openness and collaboration, you can help advance Open Science and its benefits for your institution.**

# Follow our activities on:

## LIBSENSE NIGERIA

- <https://libsense.ren.africa/en/ecr/>





*Thank you*  
for your time!

For further information:

[libsensenigeria@gmail.com](mailto:libsensenigeria@gmail.com)



**LIBSENSE**  
Open Science Nigeria