LIBSENSE Survey: Identifying training priorities for open science in Africa

August 19 - September 9, 2020

This survey was developed by the LIBSENSE Training and Capacity Building Working Group to identify priority training needs related to open science in the African region.

Please choose no more than 5 training topics in total that are most relevant for you and your communities.

The topics include beginner, intermediate and expert topics in several categories:

1. Advocacy and awareness
2. Open repositories
3. Open access publishing
4. Open science policies
5. Research data management
6. Open learning and open educational resources
7. Digitization
8 Digital scholarship and digital humanities
9. Other

The results of the survey will help LIBSENSE design relevant training opportunities for different stakeholder communities in the Africa

The survey will be open until September 9, 2020

If you have any questions, please send them to libsense@ren.africa

1. Which best describes your role?

Librarian
University information technology staff
Academic administrator
Researcher
Research and education network staff
Other (please specify)

2. Advocacy and awareness

Beginner - what is open science (and open access)?
Beginner - what are the roles of libraries in supporting open science?
Beginner - what are the roles of research and education networks in supporting open science?
Beginner - values and benefits of practising open research
Intermediate - how to advocate open science with researchers and administrators on campus
Intermediate - trends and issues related to scholarly communications and the open science
Intermediate - the role of libraries in measuring impact
Expert - open science in the African context
Expert - research assessment and scholarly communications
Expert - designing open, participatory infrastructures
Other (please specify)

3. Open repositories

Beginner - what are the first steps in launching a repository?
Beginner - understanding architecture and infrastructure for repositories
Intermediate - technical implementation and management of repository software
Intermediate - best practices for repository management: acquisition policies, assigning metadata, DOIs, copyright, discovery, analytics and usage statistics, metadata curation
Intermediate - aligning repository with aims of the institutions
Intermediate - repository interoperability (with domain, national and international platforms)
Intermediate - trouble shooting software upgrades and integrating web services
Expert - implementing repository hosting services
Expert - next generation repositories: maximizing web presence, new technologies and roles for repositories, supporting best practice frameworks
Other (please specify)

4. Open access publishing

Beginner - How to launch an OA journal; publishing workflows; journals procedures and policies
Beginner - Implementation and management of open source publishing software
Intermediate - Best practices for editorial support, quality assurance and open licensing in publishing
Intermediate - Technical support for managing OA journals including assigning metadata, keywords, DOIs, copyright, OAI-PMH, indexing (DOAJ, Crossref); tracking and statistics
Intermediate - Hosting OA publishing platforms
Expert - New innovations for OA publishing - e.g. open peer review, overlay publishing, Pubfair, etc.
Other (please specify)

5. Open science and open access policies

Beginner - the basic components of an open access institutional policy
Beginner - how to get started; setting up a policy task force
Beginner - the basic components of a national open access policy
Intermediate - building support on campus for an access policy
Intermediate - expanding an open access policy to an open science policy
Intermediate - building a multi-stakeholder coalition to advocate for an open access policy
Expert - open science implementation; infrastructures and services required ensure compliance
Expert - researchers and students as advocates for an open science policy
Expert - monitoring and incentivizing open science
Other (please specify)

6. Research data management

Beginner - the basics of research data management
Beginner - the role of libraries in managing research data
Beginner - data management plans
Intermediate - managing research data in a repository
Intermediate - managing research data across the data lifecycle
Intermediate - storage and hosting solutions for research data management
Expert - Data science and data analytics
Expert - Implementing FAIR data requirements
Other (please specify)

7. Open Learning and open educational resources

Beginner - the role of libraries in open learning
Beginner - open pedagogy for professors
Beginner - learning system support
Intermediate - creating and re-using open educational resources
Intermediate - hosting online learning platforms
Expert - delivering online courses
Other (please specify)

8. Digitization

Beginner - the basics of digitization
Intermediate - digitization workflows: digitization, formatting, metadata, storage, back-up, and licensing
Intermediate - collection development, policy and scope of digitization
Expert - long term managing and preservation of digital objects
Other (please specify)

9. Digital scholarship and digital humanities

Beginner - Basics of digital humanities
Intermediate - digital humanities technologies, methodologies and analytical and software tools
Intermediate - collaborate with campus stakeholders to integrate these tools in the humanities disciplines
Intermediate - supporting digital project development and research life cycle
Expert - data mining techniques and text and image analysis
Other (please specify)

10. Other topics

Intermediate - linked data and the semantic web
Other (please specify)