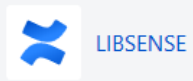


# **LIBSENSE Working Groups**

Open science policies, governance and leadership

Infrastructure - open access journals, repositories for publications and data and open discovery services

Capacity building - communities of practice and training



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# Open Science Africa: Principles and Actions for Global Participation

Created by Omo Oaiya, last modified on Sep 09, 2020

This statement is prepared by the LIBSENSE Working Group on Open Science policies, governance and leadership

LIBSENSE is led by the West and Central African Research and Education Network (WACREN) in collaboration with sister regional African RENs (ASREN and UbuntuNet Alliance). Other participating partners include several national RENs, libraries, library associations, universities and research communities in Africa, in conjunction with COAR, EIFL, University of Sheffield, National Institute of Informatics (Japan), GEANT, and OpenAIRE.



## Preamble

LIBSENSE is building communities of practice and strengthening local and national services to support open science and research in Africa. Open science is an international trend aimed at sharing the results of research widely. Open science is transforming the way research is done, and increasing its value and impact by accelerating the pace of scientific discoveries and expanding the adoption of research outcomes for everyone.

Although global in nature, there are important local and regional considerations in how open science and open access are approached and implemented. It is critical that the policies and infrastructures created to support open science are designed and delivered to meet the needs and requirements of the research communities in different regions.

The LIBSENSE initiative was launched in 2016 to bring together the research and education networks (RENs) and academic library communities in order to advance open science in Africa and foster the continent's global open access participation.

This LIBSENSE-prepared statement for UNESCO proposes a set of principles and actions for open science indigenous to Africa but one within a sustainable framework of international cooperation and collaboration for advancing more inclusive global scholarship.

# Open Science Africa: Principles and Actions for Global Participation

Addressing inequality and supporting equity, diversity and social justice

Africa-led and operated open infrastructures

Indigenous/Traditional Knowledge

# **Addressing inequality and supporting equity, diversity and social justice**

**“African researchers, institutions and countries should be proactive in defining and implementing global and local open science/research policies and practices best suited for their needs and environment.”**

**“Shifting the focus towards equitable, global, long-term, non-commercial, open source, scalable and sustainable transformation of the scholarly publishing ecosystem/landscape is crucial, enabling equal opportunities for all researchers to publish their research in open access, regardless of field of research, funding basis, or career stage. African repositories are already playing a role in knowledge sharing and should be strengthened and enhanced.”**

**“Collaborative community-based models and open public infrastructures for scholarly publishing provide a more efficient, timely, durable, local solution and ensure a smooth transition to global open access. The result will ensure that Africa’s scholarship increases and participation will enable a shift toward the epicentre of the global knowledge economy. This economy will then allow for knowledge exchanges between the Global North and Global South, thus bringing about an equitable representation of global research and scholarship.”**

# **Africa-led and operated open infrastructures**

**African research community should maintain control of the publishing process and ownership of the publishing and data sharing infrastructure.**

**Open** - set up with free and open source software, public - **not-for-profit**, infrastructure **hosted and operated in Africa**; addresses the needs of African researchers.

**African community governs open infrastructures** and bears responsibility for reliable and trustworthy management and maintenance.

Ensure **diversity and inclusivity** in scholarly communications and supporting **multilinguality**.

**Collaborative open access publishing.**

# **Indigenous/Traditional Knowledge**

**Co-creating knowledge outputs with communities by following responsible research methods.**

**Supporting local open access publishing.**

**Ensuring language pluralism.**

**Ensuring inclusivity of media and formats, for example, when capturing oral culture tradition.**



# Open Science Africa: Principles and Actions for Global Participation: Actions

Strengthen **equitable partnerships** of editors and publishers, libraries, RENs, funders and other actors to provide **immediate open access to African research via journals, repositories and other means supported by an evolving scholarly communication landscape.**

Develop **sustainable, collaborative open access publishing models for African research.**

**Design research incentives and structures that support the open science work and equality of researchers.**

Ensure that universities and research organizations have the **evaluation practices, incentives and services needed to support open science and research**, e.g. the academic career system supports and rewards researchers who participate in a culture of sharing the results of their research; adopt open responsible research metrics, along with ways of rewarding the full diversity of outputs and contributions, capturing the broader social impact of research.

**Stress multilingualism and diversity:** ensure that in the process of expert-based evaluation, high quality research is valued regardless of the publishing language or publication channel; and when metrics-based systems are utilized, journal and book publications in all languages are adequately representative of the region.

# **African Continental Strategic Framework for Open Science**

Why is open science important?

Principles

Stakeholders' roles and responsibilities

Infrastructure and service requirements (local, domain, national, regional)


Open science policy elements

National and institutional strategies

Webinar on Persistent Identifier X +

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# Webinar on Persistent Identifiers

Created by Omo Oaiya, last modified on Sep 10, 2020

This introductory LIBSENSE webinar on Persistent Identifiers (PIDs) and the role they play in building open research infrastructures took place on September 7.

Persistent identifiers (PIDs) – for individuals (ORCID iDs), research outputs (Crossref and Datacite DOIs) and organizations (RORs) are foundational elements in the research information infrastructure. They enable transparent and trustworthy connections and their wider adoption can lead to improved access to information and increased trust in scholarship and research.

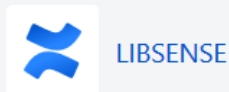
Gabriela Mejias (ORCID Engagement Manager), Rachael Lammey (Crossref Head of Community Outreach) and Helena Cousijn (DataCite Director of Community Engagement) talked about ORCID, DOIs and ROR and how they contribute to the FAIRization of data (FAIR: Findable, Accessible, Interoperable and Reusable).

The recording is [here](#) (Access Passcode: C2!WY5y5) and the slides can be found at <https://doi.org/10.23640/07243.12927377.v1>

No labels

⚙ Space tools

« <https://spaces.wacren.net/display/LIBSENSE/Webinar+on+Persistent+Identifiers>



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# PID Implementation use cases

Created by Omo Oaiya, last modified by Iryna Kuchma on Sep 10, 2020

If you have a PID implementation use case that you would like to share, please contact [libsense-pids@ren.africa](mailto:libsense-pids@ren.africa).

## Software

- Institutional ORCID Integration designed for use in conjunction with a DSpace repository (currently supporting DSpace versions 5 and 6): KAUST: King Abdullah University of Science and Technology solution
- OJS-ORCID Plugin: A guide that explains how to use and configure the ORCID Profile Plugin, how to obtain ORCID membership and API credentials, and how to connect ORCID iDs with works published with OJS; video tutorials
- Crossref plugin for OJS 3.1.2 or later versions (allows to deposit metadata with Crossref and generate DOIs)

## Use cases

- North-West University: Our integration journey with ORCID
- Stellenbosch University's ORCID integration: The highs and the lows

## Outreach

- KAUST LibGuide on ORCID (Open Researcher and Contributor ID): Provides information about ORCID researcher identifiers and their use at KAUST
- North-West University Library and Information Service on ORCID
- Stellenbosch University Library and Information Service Guide on ORCID

# Repository interoperability and harvesting webinar

**Monday, 26 October 2020 at 2pm-3:30pm UTC**

**Moderators:** Bebe Chang and Owen Iyoha, Infrastructure WG Co-Chairs

**Speakers:** Daniel Deogratus, Systems Librarian, The Nelson Mandela African Institution of Science and technology - Arusha (Tanzania); Hussein Suleman, Head of Department and Professor, Department of Computer Science, School of IT, University of Cape Town (South Africa): [National ETD Portal South African theses and dissertations](#)



## Welcome to COKI

This is the project website of the Curtin Open Knowledge Initiative (COKI).

COKI seeks to be the world's leading hub for analysis and evaluation of open knowledge in higher education.

Founded at Curtin University in Perth, Australia in 2017, the COKI project team collaborate with national and international partners to create fresh insights into Open Knowledge practice around the world.

COKI has developed the world's leading open knowledge data set, drawing together more than 12 trillion data elements, providing a comprehensive understanding of open knowledge practices and impact.

The COKI project team is has developed insights, analysis and tools which can enable universities to become Open Knowledge Institutions.

### Subscribe to the COKI Newsletter

\* indicates required

Email Address \*

First Name \*

Last Name \*

Subscribe



# LIBSENSE Capacity Building Priorities

**Topic: Open repositories**

**Intermediate level:** best practices for repository management: acquisition policies, assigning metadata, Persistent Identifiers (e.g. DOIs, Handles), copyright, discovery, analytics and usage statistics, metadata curation

Sign up here if you want to help

<https://docs.google.com/document/d/14lQw9Ega3sPiXBEOUzfdttEh2aeVcEUQA-BubfK3z4A/edit#>

# LIBSENSE Capacity Building Priorities (2)

**Topic:** Open access publishing

**Beginner level:** How to launch an OA journal; publishing workflows; journals procedures and policies

**Intermediate level:** Best practices for editorial support, quality assurance and open licensing in publishing

Sign up here if you want to help

<https://docs.google.com/document/d/14lQw9Ega3sPiXBEOUzfdttEh2aeVcEUQA-BubfK3z4A/edit#>

# LIBSENSE Capacity Building Priorities (3)

**Topic:** Research data management

**Beginner level:** the basics of research data management and data management planning

**Beginner level:** the role of libraries in managing research data

Sign up here if you want to help

<https://docs.google.com/document/d/14lQw9Ega3sPiXBEOUzfdttEh2aeVcEUQA-BubfK3z4A/edit#>

# LIBSENSE Capacity Building Priorities (4)

**Topic:** Open learning and open educational resources

**Beginner level:** the role of libraries in open learning

**Intermediate level:** creating and re-using open educational resources

Sign up here if you want to help

<https://docs.google.com/document/d/14lQw9Ega3sPiXBEOUzfdttEh2aeVcEUQA-BubfK3z4A/edit#>

# LIBSENSE Capacity Building Priorities (5)

## Topic: Digitization

**Intermediate level:** digitization workflows: digitization, formatting, metadata, storage, back-up, and licensing

**Intermediate level:** collection development, policy and scope of digitization

Sign up here if you want to help

<https://docs.google.com/document/d/14lQw9Ega3sPiXBEOUzfdttEh2aeVcEUQA-BubfK3z4A/edit#>

 OPEN ACCESS WEEK 2020

## ***Open with Purpose:***

Taking Action to Build Structural  
Equity and Inclusion

OCTOBER 19-25

 SEMAINE DU LIBRE ACCÈS 2020

## ***Ouvrir avec intention :***

renforcer l'équité et l'inclusion  
de manière structurante

DU 19 AU 25 OCTOBRE





مكتبة قطر الوطنية  
Qatar National Library

## مشهد الإتاحة الحرة في زمن كورونا



عدد المقاعد المتبقية

تسجيل: 89 مقعدًا متبقي (100/)

وقت الفعالية

تبدأ:

22.10.2020 01:00 PM

تنتهي:

22.10.2020 03:00 PM

أضف الفعالية إلى جدولك



موقع الفعالية

عن بُعد عبر منصة Microsoft Teams

المنظم

Qatar National Library

أحدثت جائحة فيروس كورونا (كوفيد - 19) هزات عميقة تردد صداها في جميع مناحي الحياة، لا سيما الاقتصاد والتعليم. فقد أغلقت المكتبات أبوابها أمام الجمهور، وزاد الاعتماد على المصادر الإلكترونية الأمر الذي استدعى ضرورة وجود محتوى رقمي عالي الجودة وأهمية توفير الإتاحة الحرة للمعلومات. ولا شك أن تأثير الجائحة قد طال مشهد الإتاحة الحرة والعلوم المفتوحة والنشر الأكاديمي.

ندعوكم لحضور هذه الندوة النقاشية التي تقام ضمن احتفال المكتبة بالأسبوع العالمي للإتاحة الحرة، وتتناول تأثير الجائحة على الجهات المعنية، خاصة المكتبات ودور النشر الأكاديمي والمؤسسات البحثية، وتحاول استكشاف التوقعات والتحديات لعام 2021 وما بعده. تقام الفعالية عن بُعد عبر منصة Microsoft Teams.

المتحدثون:

• إيرينا كوتشما، مدير برنامج الإتاحة الحرة بمؤسسة المعلومات الإلكترونية للمكتبات (EIFL)

"العلوم المفتوحة: ما تعلمناه في زمن كوفيد - 19 وما نحتاج إلى فعله معًا"

<https://events.qnl.qa/event/xLJd2/AR>