

Members

A global repository network

COAR is an international association with 162 members and partners from 50 countries, representing libraries, universities, research institutions, government funders and others.

[MEET OUR MEMBERS](#)



Main areas of work



COAR Confederation of Open Access Repositories



COAR Community Groups



COAR Controlled Vocabularies



COAR Notify



Events and Meetings



Good Practices in Repositories



Multilingual and Non-English Content



Paper Pledge for the Planet



Publications, Tools, and Other Resources



Regional Initiatives and Alignment



**Knowledge is a
public good.**
Let's treat it like
one.



COAR and its members are paving the way
for a strong and resilient global repository
network, for the benefit of all.



What do researchers want?

A system of interoperable digital research objects

- Dynamic, version controlled
- Can be searched and text-mined
- Near-immediate publication
- Different models for post-publication review exist
- Contributorship in diverse roles
- Open to everyone



(Bjoern Brembs, neurobiologist - COAR Annual Meeting 2022)

Next Generation Repository

Repositories are the foundation for a distributed, globally networked infrastructure for scholarly communication, on top of which layers of value added services will be deployed, thereby transforming the system, making it more research-centric, open to and supportive of innovation, while also collectively managed by the scholarly community.



Repositories are fundamental for to achieve this vision

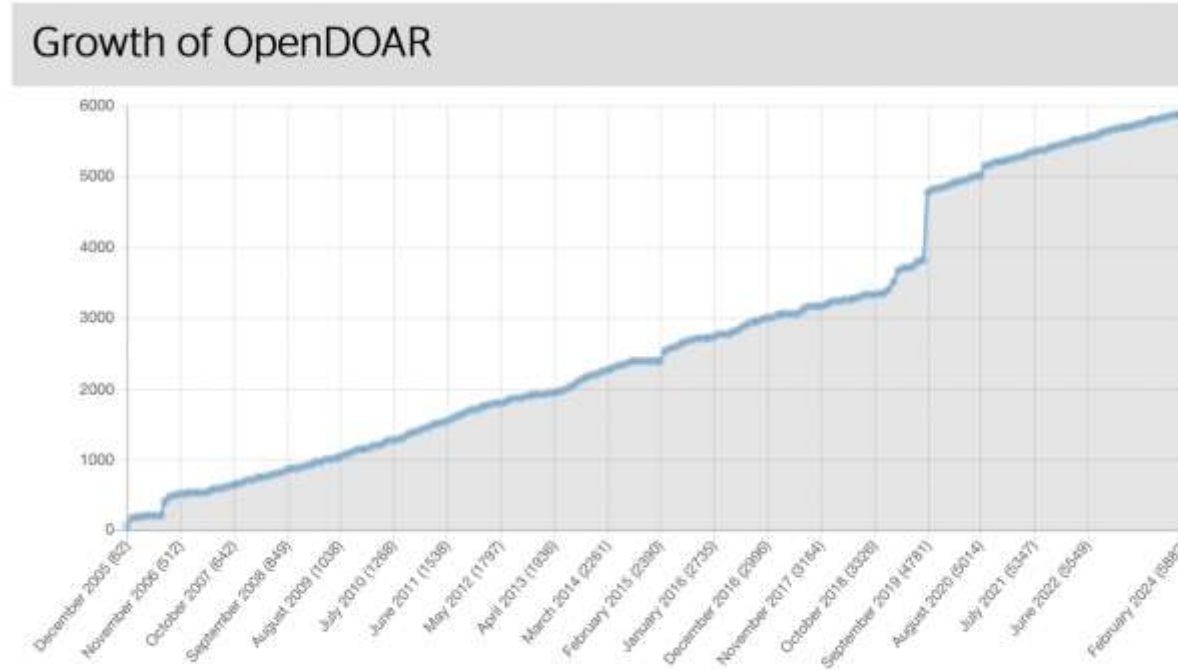
Most OA policies **favour** repositories because of the prohibitive costs of APCs

New policies **bypass** the published article, and require preprint sharing and encourage external peer review (referred to as the “publish, review, curate” model)

All research data sharing policies rely on repositories

All open science policies have equity as a principle - this means no cost to the author or reader to deposit or use

Current Repository Landscape



There are at least **6,000 open access repositories** in the world

Fostering Biodiversity in Scholarly Communications

A Call for Action!

April 15, 2020



Scholarly communication system must, not only be open, but must accommodate the different workflows, languages, publication outputs, and research topics that support the needs of different research communities and different regions.

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All COAR's Resources are openly available!

Good Practice Advice for Managing Multilingual and non-English Language Content in Repositories



Image credit: (Tasneem O'Brooke) | Non-Images CC BY-NC

October 30, 2023

Prepared by the COAR Task Force on Supporting Multilingualism and non-English Content in Repositories

COAR Confederation of Open Access Repositories



COAR Consensus Framework for Good Practices in Repositories

Version 1 - July 18, 2022

Purpose

The purpose of the Framework is to assist repositories to evaluate and improve their current operations based on a set of applicable and achievable good practices.

Currently, there are a number of existing frameworks and evaluation criteria for repositories that were developed to assist repositories in reporting certain facets of their operations (such as discovery services, reuse-integrity quality indicators, preservation, privacy, and sustainability), but these criteria are spread across different organizations and are often redundant for many (or most) types of repositories.

The COAR Consensus Framework provides a global, multidimensional framework for good practices in repositories that can be applied to different types of repositories (academic, institutional, data etc.) and/or different geographical and/or linguistic contexts.

Directory of Open Access Preprint Repositories

Home Repositories Functions Disciplines Integrated Services Feedback

FAQ

It is becoming an increasingly common practice for researchers to share their preprints because it allows them to disseminate their research results quickly and openly with the rest of the world. As a result, there is a growing number of preprint-specific and generalist repositories that support the sharing of preprints.

This directory provides a list of preprint repositories that are available to the research community. It helps researchers find the most appropriate platform for them, enabling them to browse through existing repositories by discipline, location, language, functionalities, and other facets.

The directory is jointly managed by Centre pour la Communication Scientifique Directe (CCSD), the Confederation of Open Access Repositories (COAR). The data in this directory was originally compiled through the GPPdP (Groupe Projet Plateformes de Prépublications) project with financial support from the French Ministry of Research's Open Science Committee (CoSO).

To suggest a new repository, or provide feedback on a repository already included in this directory, please see the [feedback page](#).

COAR

CCSD
Centre pour la Communication
Scientifique Directe

COAR Controlled Vocabularies



The use of controlled vocabularies for bibliographic metadata increases the amount of using the same word across the same thing. The consistency, stability and interoperability of the COAR controlled vocabularies will be enhanced by the research community and open repository operators to help to enhance the interoperability across vocabularies and with other related systems such as taxonomies, ODS systems, user repositories and portals.

The COAR Controlled Vocabularies are given and owned by all COAR Members in order to allow the controlled vocabularies, the COAR Members include writing, updating and defining the COAR controlled vocabularies writing and defining whenever possible. It covers about 1000 terms and is available for the community, not written and defined by the group. The COAR Controlled Vocabularies ensure there are consistent vocabularies being into interoperability.

COAR Controlled Vocabularies & Metadata

Additional Resources

COAR compiles these controlled vocabularies for the use of researchers, libraries, and the international community to adopt these vocabularies in their own applications.

Please note: The Research Type Vocabulary was updated on December 4, 2024 to be available in 22 languages. See the [FAQ page](#) for more details.

Research Type
Vocabulary

Geographical
Vocabulary

Language Type
Vocabulary

Ten Recommended Practices for Managing Preprints in Generalist and Institutional Repositories



COAR-ASAP/In Working Group on Preprints in Repositories

December 12, 2022



UNESCO Recommendation on Open Science

Setting global standards for open science for all

In the fragmented scientific and policy environment, a global understanding of the meaning, opportunities and challenges of open science is needed for its fair and equitable operationalization at the individual, institutional, national, regional and international levels.

The UNESCO Recommendation on Open Science provides an international framework for open science policy and practice that recognizes disciplinary and regional differences in open science perspectives. It takes into account academic freedom, gender-transformative approaches and the specific challenges of scientists and other open science actors in different countries and in particular in developing countries, and contributes to reducing the digital, technological and knowledge divides existing between and within countries.

Unanimously adopted by all UNESCO member countries in November 2021

Research can be global and research can be local



Key Challenges

1. Achieving the right balance between supporting local needs and international visibility / discoverability
2. Developing and maintain the infrastructures and services needed to curate, preserve and provide access to a diversity of research outputs
3. Redirecting funding away from commercial publishers towards open science services that support our vision of equity, diversity, transparency and openness
4. Rethinking current assessment systems that rely on traditional measures such as impact factor that are biased against the global south

Example – How to share research internationally, but support local languages/populations in accessing that research

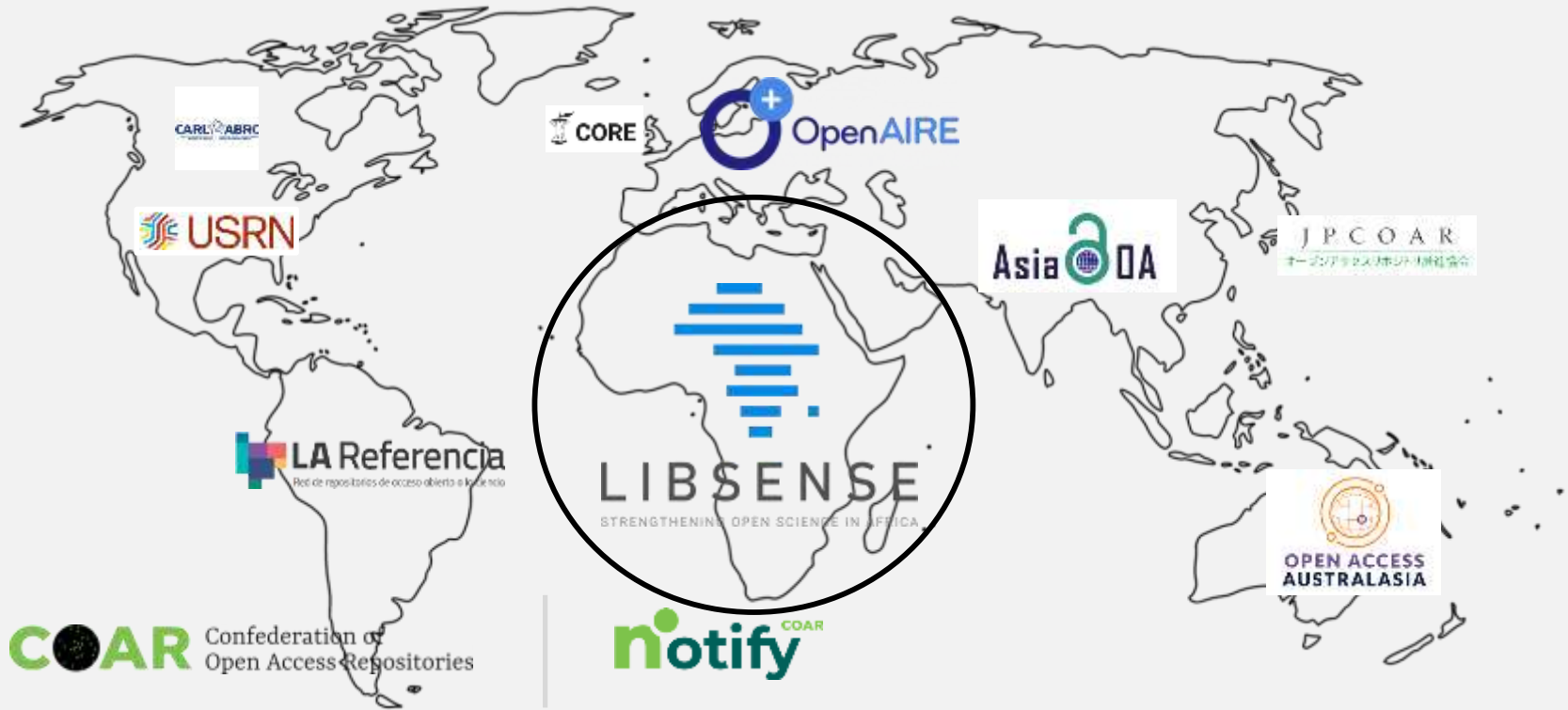
The [Helsinki Initiative on Multilingualism in Scholarly Communication](#) asserts that the disqualification of local or national languages in academic publishing is the most important – and often forgotten – factor that prevents societies from using and taking advantage of the research done where they live.

Major corporations and international publishers operate according to market laws favoring English over local publication languages, because they want to target the largest possible number of users and translate mostly from English to other languages. Languages with fewer users are overlooked and become invisible.

Reclaiming key communication channels and owning them by the academic community and learned societies is a crucial step in maintaining and achieving the goals of open science. Only in this way will we be able to fully open up the publications and their metadata used in the research assessment.



COAR works with individual repositories and repository networks to advance repositories globally





COMMUNITY
BUILDING



EMPOWERMENT



**EXPANDING
KNOWLEDGE**

MENTORING



**COMMUNITY
BUILDING**



MENTORING



**RESEARCH
PRACTICES**

RESEARCH
PRACTICES

7 KEY IMPACTS



**LAYING
FOUNDATIONS**



**EXPOSURE/
INFLUENCE**

EXPOSURE/
INFLUENCE





Why Are African Researchers Left Behind in Global Scientific Publications? – A Viewpoint



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Citation: Nabyonga-Orem J, Asamani JA, Olu O. Why are African researchers

record in Africa and discuss the challenges faced by African scientists in producing and publishing high-quality articles. We conclude by proposing recommendations that can foster a comprehensive approach to building research capacity on the continent as a core component of the SDG agenda and specifically “leaving no one behind.”

[Viewpoint: Leaving No One Behind in Health Research](#)

From COAR: Transforming scholarly publishing through the Publish, Review, Curate model



11/28/2024



Dana McFarland



No Subjects

Publish, Review, Curate (PRC) is an innovative model of scholarly publishing that involves the review, validation, and editorial commentary of a preprint. It introduces much greater openness and transparency across the publishing ecosystem ...

... PRC offers tremendous flexibility. It can accommodate a wide variety of editorial workflows, types of peer review, and research outputs, as demonstrated by several flavours of PRC that are already operational – from overlay journals that more closely mirror a typical journal publication, to approaches that are adopting very innovative practices. See [Peer Community In](#), [Episcience](#), [eLife](#), [PREreview](#), and [Psicológica](#), for examples.

*...and
innovate!*



The COAR Notify Initiative

The aim of the project is to develop and accelerate community adoption of a standard, interoperable, and decentralised approach to linking **research outputs hosted in the distributed network of repositories with resources from external services such as overlay-journals and open peer review services**, using linked data notifications.



Notify comes from many years of work at COAR

2016

COAR Next Generation
Repository Initiative

2019

Pubfair Conceptual
Model

2020

Notify Technical
Architecture

2021

**Launch COAR
Notify Initiative**

Arcadia Funding

2022



Facilitating communications across repository and review service

REPOSITORY



Preprint

Link to Review



COAR NOTIFY PROTOCOL

Request Review

Acknowledge Request

Announce Review

REVIEW SERVICE



Review

Link to Preprint



Implementation group 1



Implementation group 2



Open source development

Development
completed



Kotahi

Development
underway



PubPub Platform

Development
planned



Introducing innovation into Diamond OA

COAR believes the **Publish, Review, Curate** model could play an important role in the diamond OA ecosystem in the future and address many of the the sustainability challenge in Africa



PRC can give us a **competitive advantage** over the traditional commercial publishers!

Image adapted from: <https://www.sciencecolab.org/biophysics-colab>

Submit

“Publish, Review, Curate” is already being implemented in Africa (and elsewhere)



Recent uploads

November 29, 2024 (V.01) Video Metadata-only

Présentation du cours de Base de Topométrie
YESSOUFOU, M., Joslin

Vidéo de présentation du cours de Base de topométrie. Cette vidéo donne un aperçu du cours de Topométrie générale enseignement est déroulé aux apprenants de la licence génie civil.

Part of Africa Digital Campus (ADC)
Uploaded on December 8, 2024

November 29, 2024 (V.01) Video Metadata-only


Présentation du cours de Canevas géodésique
YESSOUFOU, M., Joslin

Vidéo de présentation du cours de Canevas géodésique

Part of Africa Digital Campus (ADC)
Uploaded on December 8, 2024



Request Review



Kotahi

The Next Generation of Scholarly Publishing Platform

One flexible, customisable platform for journals, preprint servers, review communities, micropublications.

- AI-powered preprint recommendations
- Author proofing workflow
- Flexible peer review
- Real time communication tools
- Intuitive drag-and-drop production
- Easy to edit article templates for PDF and web
- Automated JATS and PDF production
- Multitenancy
- Microservices architecture for scalability

Thank You!

For more information, please visit www.coar-repositories.org/ or contact us at kathleen.shearer@coar-repositories.org