



Access 2  
Perspectives



*The varying openness of Open Access publishing  
in the light of globally inclusive research equity*

Dr Jo Havemann

October 26, 2022

Website: [access2perspectives.org](https://access2perspectives.org)



Access 2  
Perspectives



doi: 10.5281/zenodo.7255583



# OPEN SCIENCE POLICIES AND MANDATES IN AFRICAN HEIS WORKSHOP

26th-27th Oct  
9am to 2pm  
UTC, Egypt

Guest Speaker: Professor Mohamed Loutfi, President and Vice-Chancellor - The British University in Egypt

*Inviting Middle East & North Africa Vice Chancellors, Rectors,  
Deputy Vice Chancellors, Directors of Research and  
Library Services*



doi: 10.32017/201806.1200000



# F.O.R.M.

## Forum for Open Research in MENA

26-27 OCTOBER 2022

CAIRO | THE WESTIN

PROGRAMME

REGISTER

SHARE EVENT



[forumforopenresearch.com](https://forumforopenresearch.com)

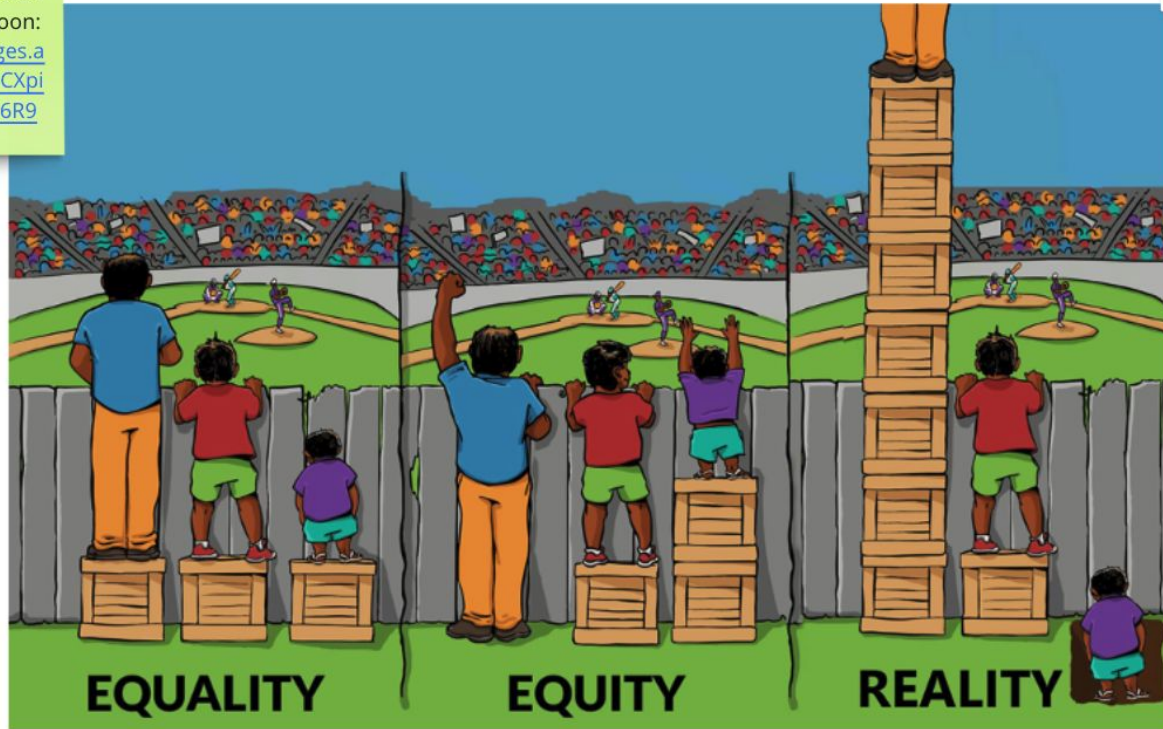


Access 2  
Perspectives



doi: 10.5281/zenodo.7255583

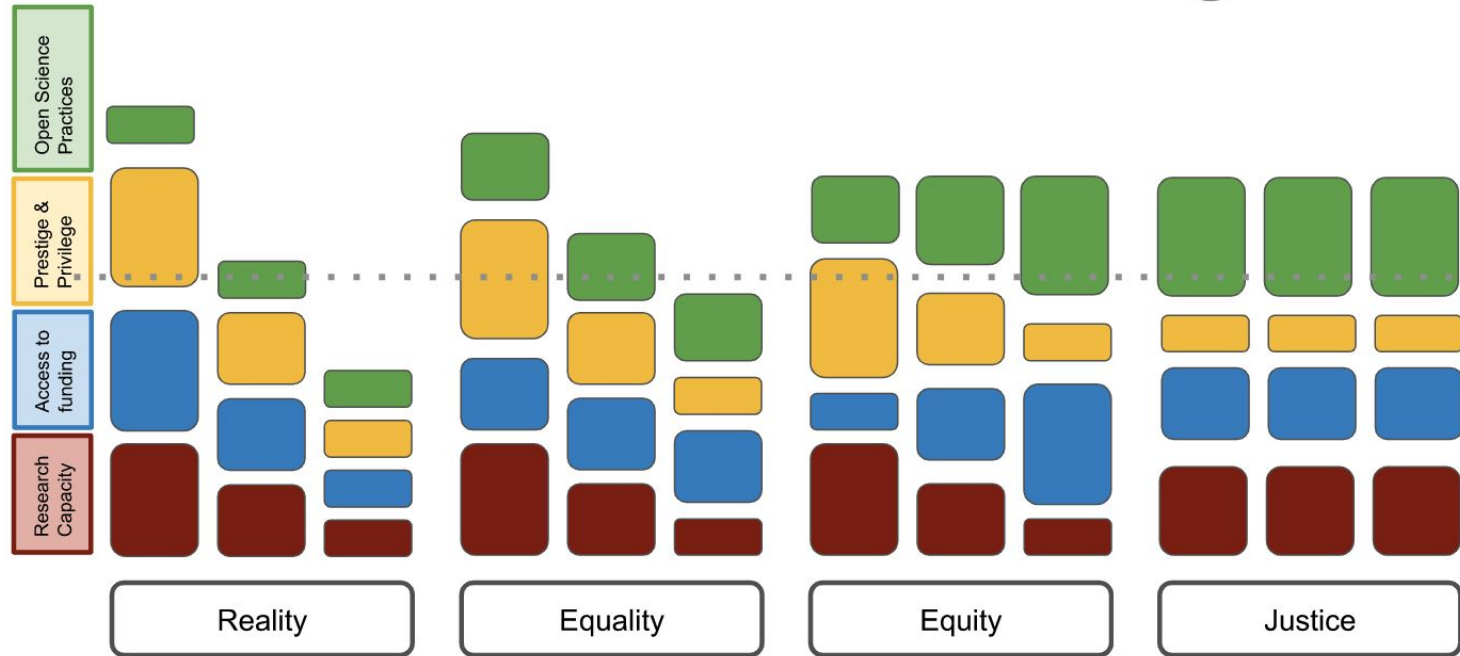
Another version  
of this Cartoon:  
[https://images.a  
pp.goo.gl/UCXp1  
eTgGvYc226R9](https://images.app.goo.gl/UCXp1eTgGvYc226R9)



Artwork adapted from Angus Maguire // for context visit [storybasedstrategy.org/the4thbox](http://storybasedstrategy.org/the4thbox)

**Please note:** According to [Aasha M. Abdillhe](#), the artwork is depicting implicit bias: “What should be drawn as dissimilar are not the individuals but rather the bottom boxes they are standing on [...]”.  
Read more at [linkedin.com/pulse/problem-image-its-what-you-think-insidiousness-implicit-abdill/](https://www.linkedin.com/pulse/problem-image-its-what-you-think-insidiousness-implicit-abdill/)

Research Effectiveness  
(i.e. Societal Impact)



Havemann, Jo. (2021). Research Capacity - Reality, Equality, Equity. Zenodo.  
<https://doi.org/10.5281/zenodo.5470604>





unesco

# Recommendation on Open Science

*Making science more accessible, inclusive and equitable for the benefit of all*



[unesco.org/en/natural-sciences/open-science](https://unesco.org/en/natural-sciences/open-science)



Access 2 Perspectives



doi: 10.5281/zenodo.7255583



**unesco**

# Recommendation on Open Science



## VALUES

Quality and integrity

Collective benefit

Equity and fairness

Diversity and inclusiveness

## PRINCIPLES

Transparency, scrutiny, critique and reproducibility

Equality of opportunities

Responsibility, respect and accountability

Collaboration, participation and inclusion

Flexibility

Sustainability

**OPEN SCIENCE**

# Key pillars of open science



# Key pillars of open science



# Different types of Open Access

**green OA** - self archiving by author, free of charge (gratis) -> e.g. preprint repositories

**diamond/platinum OA** - free of charge to publish and to read

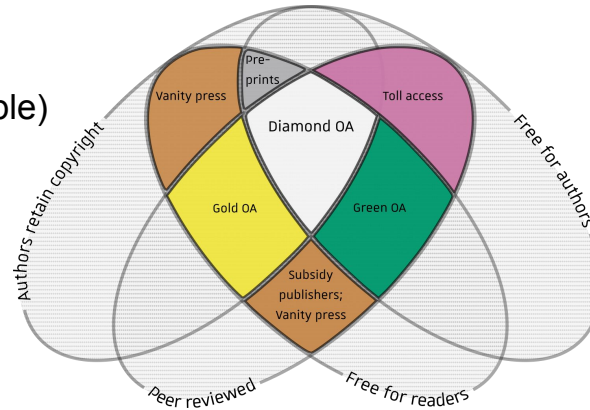
**gold - OA** via the journal publisher, often Article Processing Charges (APCs) apply

**hybrid OA**; journals that publish both OA and paywalled articles

**black OA**; unauthorized digital copying by large-scale copyright infringement (e.g. SciHub)

**F.A.I.R.** (Findable, Accessible, Interoperable, Reusable)

**Gratis** (online access free of charge) vs. **Libre**



Open  
Access



*Make your research output discoverable  
and accessible  
so that your results can unfold  
societal impact and benefits.*

## Preprints

### What are they?

A preprint is a **scientific manuscript** that is uploaded by the authors to a **public server**



<https://asapbio.org/preprint-info>

<https://doi.org/10.5281/zenodo.5592318>



Rounds of drafting  
& informal feedback

## Preprint

Work in progress  
Submitted version

Can always be shared in  
a green OA repository at  
any time

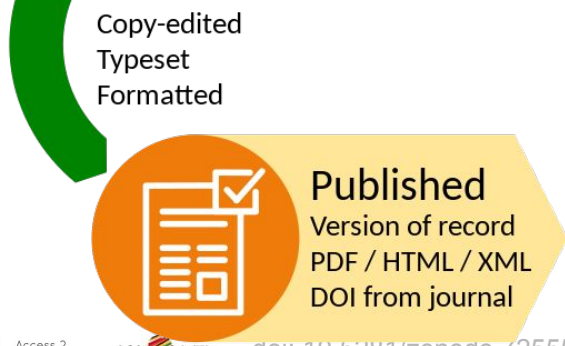


Submitted to journal  
Peer review  
Author corrections

## Postprint

Author-accepted  
manuscript (AAM)

Can always be shared in  
a green OA repository  
after accepted by  
journal (sometimes  
after embargo)



Copy-edited  
Typeset  
Formatted

## Published

Version of record  
PDF / HTML / XML  
DOI from journal

Can usually only be  
shared if published by a  
gold OA or hybrid  
journal



Thomas Shafee - Own work; adapted  
from diagram by Ginny Barbour



<https://en.wikipedia.org/wiki/Preprint>



Access 2  
Perspectives

Afric  
ArXiv

doi: 10.5281/zenodo.7255583

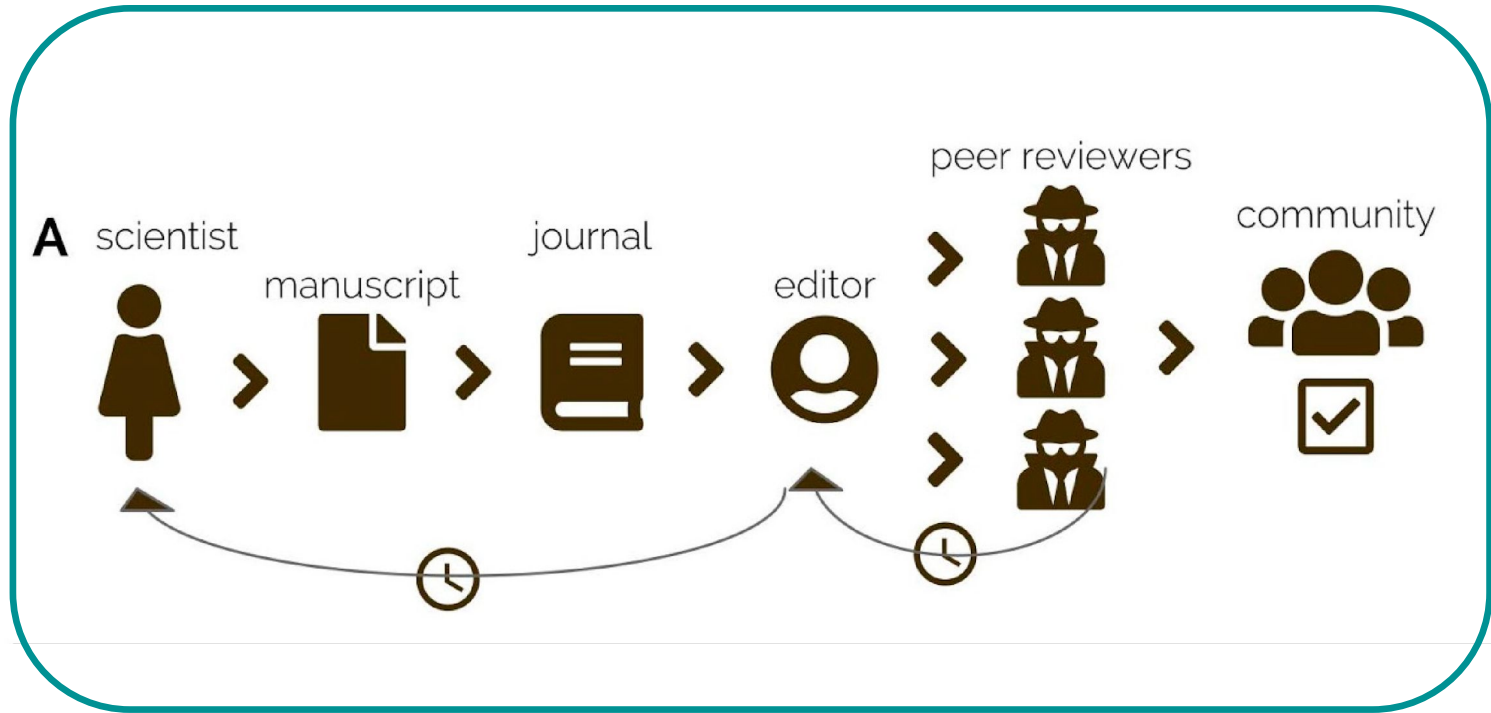
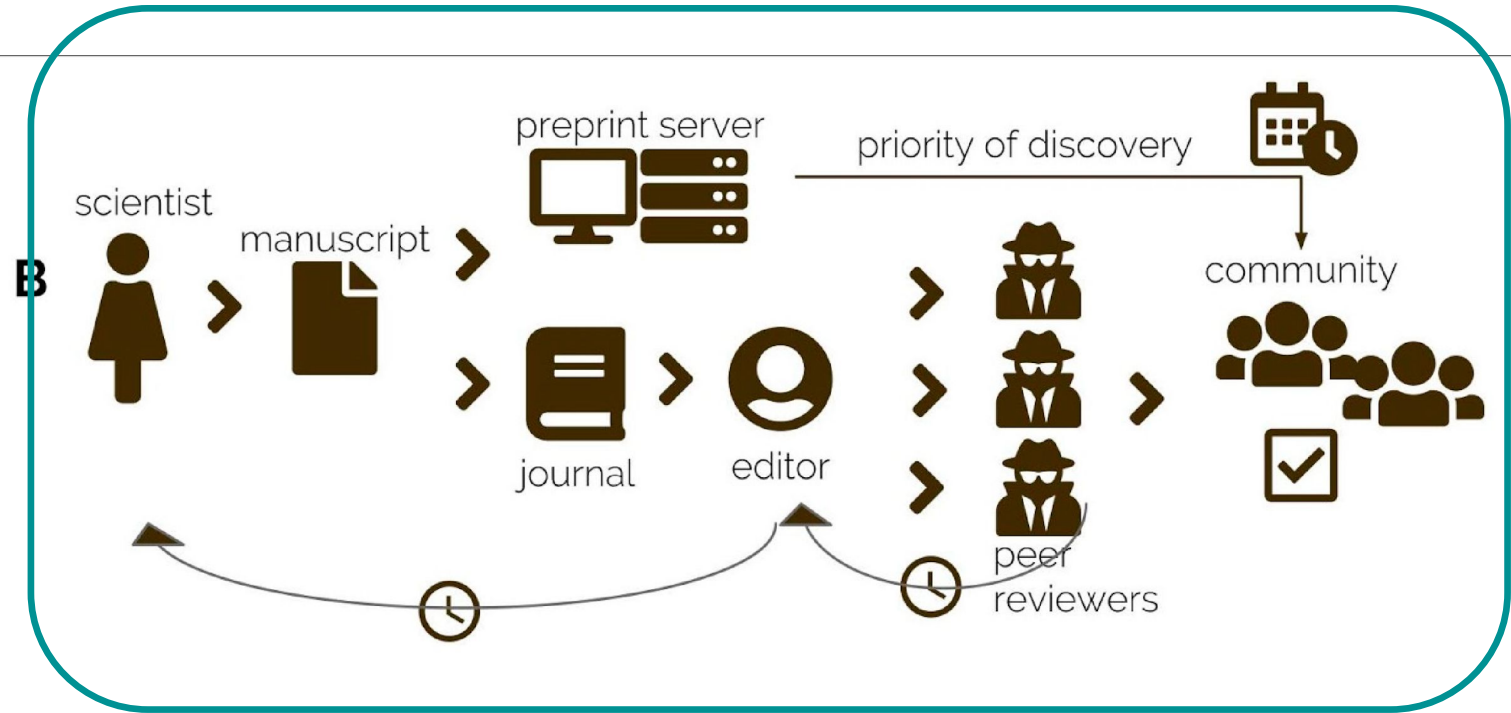


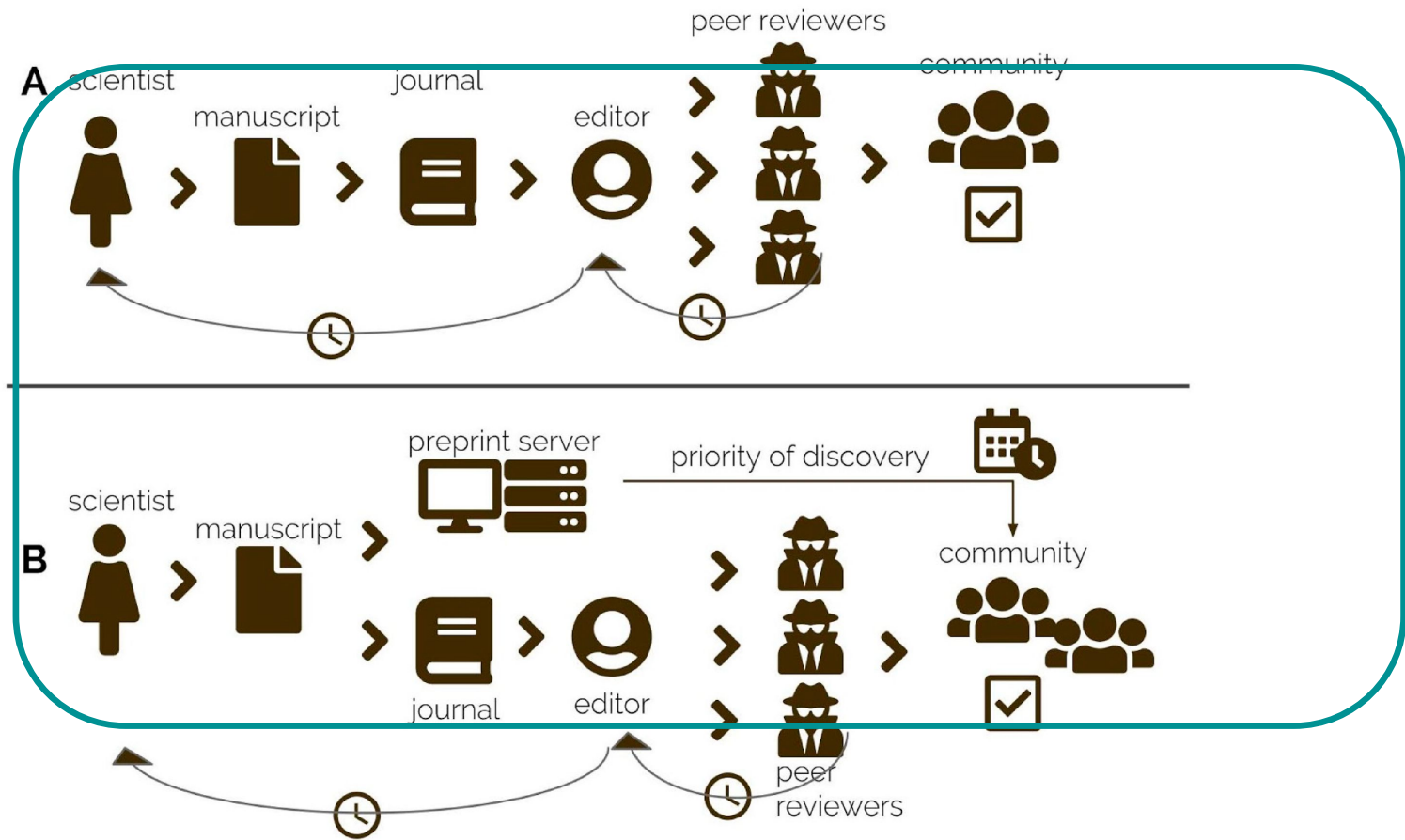
Figure 1. (A) Traditional peer review publishing workflow.

*Publications* **2019**, 7(2), 34;  
<https://doi.org/10.3390/publications7020034>



**Figure 1. (A)** Traditional peer review publishing workflow. **(B)** Preprint submission establishing priority of discovery.

*Publications* **2019**, 7(2), 34;  
<https://doi.org/10.3390/publications7020034>



**Figure 1. (A)** Traditional peer review publishing workflow. **(B)** Preprint submission establishing priority of discovery.

*Publications* **2019**, 7(2), 34;  
<https://doi.org/10.3390/publications7020034>

*Preprint repositories have evolved  
to be an integral part of the  
open scholarly publishing workflow.*

# Many of the existing preprint repositories also accept:

publication (1551052)

image (759415) +

dataset (155670)

software (80507)

presentation (31265)

other (13859)

poster (13014)

video (5792)

lesson (3866)

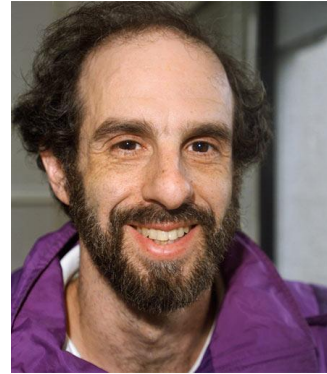
physical object (543)

The screenshot shows the Zenodo website interface. At the top, there is a search bar with the text "Search" and a magnifying glass icon. To the right of the search bar are links for "Upload" and "Communities". Further right are buttons for "Log in" and "Sign up". Below the search bar, the text "All versions" is visible. The search results are displayed in a list format. The first result is titled "IBRAT TILLAR OROMGONI CHET TILLARINI O'RGANISH UCHUN QULAY MAKON" and is a "Journal article" from "July 14, 2022 (v1)". The author is "Qosimova Zarguloy Abinjon qizi". The abstract discusses teaching and learning foreign languages in Uzbekistan. The second result is titled "АЙРИМ ТОИФАДАГИ ХОДИМЛАРНИНГ ИШГА ТИКЛАНИШИ БИЛАН БОГЛИҚ АЙРИМ МАСАЛАЛАР" and is a "Journal article" from "July 14, 2022 (v1)". The author is "Саидов Баходирхўжа Носирхўжаевич". The abstract discusses the teaching of foreign languages in Uzbekistan. The third result is titled "Note on the Riemann Hypothesis" and is a "Preprint" from "July 14, 2022 (v20)". The author is "Frank Vega". The abstract discusses the Riemann Hypothesis.

<https://zenodo.org/search?page=1&size=20>



1,752,436 scholarly articles  
founded by **Paul Ginsparg** in 1991



Physics

Mathematics

Computer science

Quantitative biology

Quantitative finance

Statistics

Electrical engineering and systems science

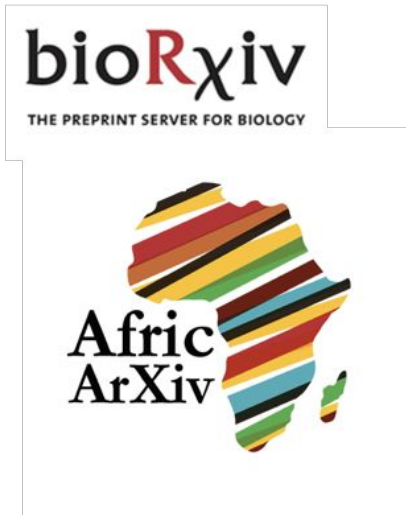
Economics



doi: 10.5281/zenodo.7255583

<https://arxiv.org>

# Preprint Repositories



Access 2 Perspectives



doi: 10.5281/zenodo.7255583

Show 10 entries

Search:

Preprint server ^	Disciplinary scope ^	Ownership type ^	External content indexing ^	Permanence of content ^	Preservation of content ^	Other features (commenting, etc) ^
+ AAS Open Research	Multiple scientific fields, including health and wellbeing*	Funding organisation (funder)	Google Scholar, Prepubmed, Europe PMC, SciLit	Permanent with some removal options in extraneous circumstances	Preprints permanently archived in Portico	Commenting (including annotation plug-ins), Onsite search, Link to Google Scholar citations, Blog and gateways
+ AfricArxiv	All scientific fields	Academic community group; charity	Google Scholar, SHARE, Microsoft Academic, Unpaywall	Permanent with some removal options in extraneous circumstances	COS Preservation Fund to maintain read access for 50+ years	Commenting (including annotation plug-ins), Onsite search
+ AgriXiv	Relating to agriculture and allied sciences, including life sciences, medicine and health sciences, social and behavioural sciences	Academic community group	Google Scholar, SHARE, Microsoft Academic, Unpaywall	Permanent with some removal options in extraneous circumstances	COS Preservation Fund to maintain read access for 50+ years	Commenting (including annotation plug-ins), Onsite search
+ AMRC Open Research	Broad life & biomedical research, including basic scientific, translational, applied and clinical research	Funding organisation (funder); Membership organisation	Google Scholar, Prepubmed, Europe PMC, SciLit	Permanent with some removal options in extraneous circumstances	Preprints permanently archived in Portico	Commenting (including annotation plug-ins), Onsite search, Link to Google Scholar citations

<https://asapbio.org/preprint-servers>

# Preprints

early dissemination of research results before formal publication in an academic journal

establish priority of discovery

allow for feedback on the manuscript by the wider research community

facilitate open science practices (OA)

reputation building for early career researchers

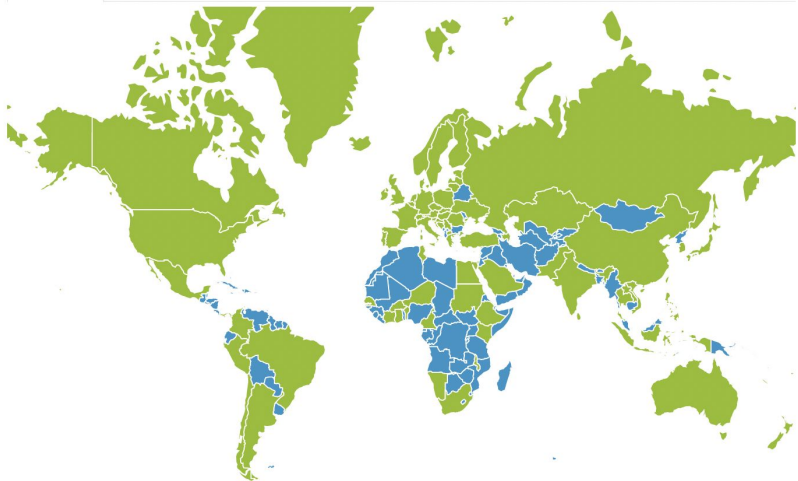


Search...

Search

## Browse by country

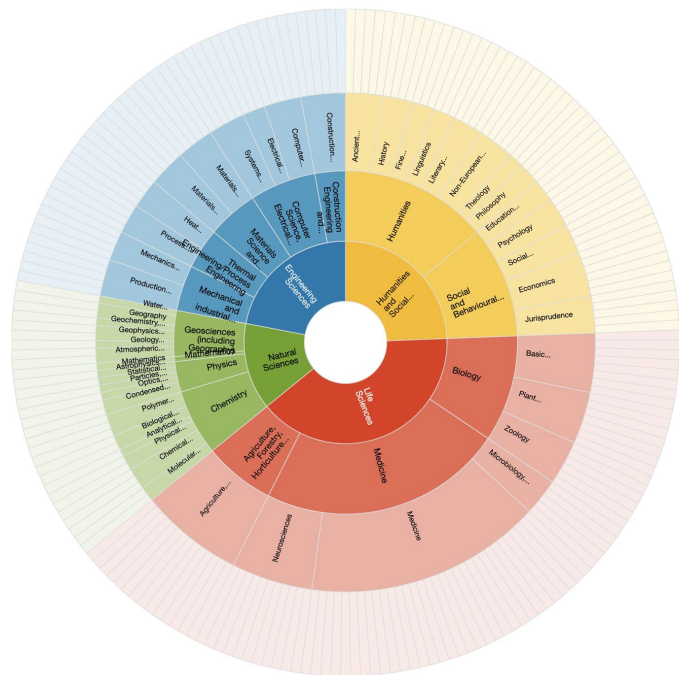
Graphical  Text



## Browse by subject

Graphical  Text

click to zoom into subjects or to select a bottommost subject in the hierarchy as filter for the re3data search page shift + click on a top subject to select it as filter



## Filter

- Subjects ▾
- Content Types ▾
- Countries ▾
- AID systems ▾
- API ▾
- Certificates ▾
- Data access ▾
- Data access restrictions ▾
- Database access ▾
- Database access restrictions ▾
- Database licenses ▾
- Data licenses ▾
- Data upload ▾
- Data upload restrictions ▾
- Enhanced publication ▾
- Institution responsibility type ▾
- Institution type ▾
- Keywords ▾
- Metadata standards ▾
- PID systems ▾
- Provider types ▾
- Quality management ▾
- Repository languages ▾
- Software ▾
- Syndications ▾
- Repository types ▾
- Versioning ▾

Africa

 Search

[Toggle short help](#)

 ← Previous **1** 2 Next →

Sort by ▾

Found 42 result(s)

### AfricaRice Dataverse

Rice science at the service of Africa



Subject(s)

Agriculture, Forestry, Horticulture and Veterinary Medicine Life Sciences

Content type(s)

Standard office documents

Country

Benin International

AfricaRice is a leading pan-African rice research organization committed to improving livelihoods in Africa through strong science and effective partnerships. AfricaRice dataverse makes studies in rice research open available. With the focus on agronomy, breeding, entomology, grain quality, pathology, physiology and socio-economics of rice.

### Unisa Institutional Repository

UnisaIR



Subject(s)

Humanities and Social Sciences Life Sciences Natural Sciences Engineering Sciences

Content type(s)

Standard office documents Scientific and statistical data formats Audiovisual data Raw data Images Plain text

Country

South Africa

An open digital archive of scholarly, intellectual and research outputs of the University of South Africa. The UnisaIR contains and preserves theses and dissertations, research articles, conference papers, rare and special materials and many other digital assets. With special collections from the Documentation Center for African Studies including manuscripts, photos, political posters and other archival materials about the history of South Africa.

### AfDB Statistical Data Portal

formerly: Open data for Africa



Subject(s)

Geography Social Sciences Economics Geosciences (Including Geography) Natural Sciences Social and Behavioural Sciences Humanities and Social Sciences

Content type(s)

Standard office documents Databases Structured graphics Scientific and statistical data formats Plain text other

Filter

- Subjects ⊞
- Content Types ⊞
- Countries ⊞
- AID systems ⊞
- API ⊞
- Data access ⊞
- Data access restrictions ⊞
- Database access ⊞
- Database access restrictions ⊞
- Database licenses ⊞
- Data licenses ⊞
- Data upload ⊞
- Data upload restrictions ⊞
- Enhanced publication ⊞
- Institution responsibility type ⊞
- Institution type ⊞
- Keywords ⊞
- Metadata standards ⊞
- PID systems ⊞
- Provider types ⊞
- Quality management ⊞
- Repository languages ⊞
- Software ⊞
- Syndications ⊞
- Repository types ⊞
- Versioning ⊞

Sweden

Search

Toggle short help

← Previous 1 Next →

Sort by ▾

Found 11 result(s)

**CLARIN Knowledge Centre for the Languages of Sweden**

SWELANG

Subject(s)

Linguistics Humanities Humanities and Social Sciences

Content type(s)

Standard office documents

Country

Sweden European Union

The knowledge centre is an information service offering advice on the use of digital language resources and tools for Swedish and other languages in Sweden, as well as other parts of the intangible cultural heritage of Sweden.

**NBIS DOI repository**

BILS DOI Repository (formerly)

Subject(s)

Life Sciences Bioinformatics and Theoretical Biology Basic Biological and Medical Research Biology

Content type(s)

Scientific and statistical data formats Archived data Plain text Raw data

Country

Sweden

>>>!!!<<< The repository is inactive, please use SciLifeLab Data Repository >>>!!!<<< This DOI repository provides permanent identifiers to data sets generated by Life Science researchers active in Sweden, and for which no other suitable public repository is available. BILS is a distributed national research infrastructure supported by the Swedish Research Council (Vetenskapsrådet) providing bioinformatics support to life science researchers in Sweden.

**Environment Climate Data Sweden**

ECDS

Subject(s)

Atmospheric Science and Oceanography Geography Geosciences (Including Geography) Natural Sciences

Content type(s)

Plain text Images Standard office documents Scientific and statistical data formats

Country

Sweden

The repository is no longer available >>>!!!<<< 2020-02-21: no more access to "Environment Climate Data Sweden" >>>!!!<<< The transfer of records from the Environment Climate Data Sweden (ECDS) database to the Swedish National Data Service (SND) https://www.re3data.org/repository/r3d100010146 was completed in 2019. SND is a national research infrastructure with a primary function to support the accessibility, preservation, and re-use of research data and related materials. You can search the SND research data portal specifically for Natural Science or Agricultural and Veterinary Sciences datasets. Data descriptions with associated datasets, or a direct reference/URL to data, have been migrated from the ECDS portal to the SND research data portal. Previous links to these data are now automatically directed to an SND catalogue entry. Records in the ECDS catalogue that only contained metadata (ie information that data could be accessed through another portal, e.g. Pangea), now link directly to the portal in question. If you want to make one of those data descriptions searchable in SND's catalogue, please contact SND on snd@snd.gu.se. A small number of records were neither migrated to SND nor redirected to external providers, and they redirect. Contact SND on snd@snd.gu.se if you want more information about the closing of the ECDS portal and the migration of data descriptions to SND's research data catalogue.

**SciLifeLab Data Repository**

SciLifeLab figshare

Subject(s)

Life Sciences Natural Sciences

Content type(s)

Scientific and statistical data formats Standard office documents Archived data Plain text Structured text

Country

Sweden

This repository accepts data from life science researchers and service units in Sweden. The repository is operated by SciLifeLab, which is the national infrastructure for life science and environmental research in Sweden. This



## Publication strategy and journal selection

## Publication strategy:

A preconsidered & coherent set of choices regarding the why, what, when, how and where of sharing/publishing research. What are your or your team's priorities for the next project coming up? What role for open science practices in your publishing?

[WHY]	[WHAT]	[WHEN]	[HOW]	[WHERE]
<b>As my/my team's publishing goal is to ...</b> <input checked="" type="checkbox"/> establish priority on findings <i>i</i> <input type="checkbox"/> invite comments, feedback & scrutiny <input type="checkbox"/> archive evidence <input type="checkbox"/> promote my (team's) visibility <i>u</i> <input type="checkbox"/> create material to use in education <input checked="" type="checkbox"/> communicate with societal stakeholders <input type="checkbox"/> meet formal funder requirements <input checked="" type="checkbox"/> foster careers of ECRs and temporary staff <input type="checkbox"/> get new funding <input type="checkbox"/> have work formally peer reviewed <i>i</i> <input type="checkbox"/> provide information researchers can build on <input type="checkbox"/> provide information practioners etc. can build on <input type="checkbox"/> make scholarly communication more equitable <input checked="" type="checkbox"/> make it easy for others to use the work <input checked="" type="checkbox"/> help improve reproducibility of science <i>i u</i> <input type="checkbox"/> contribute to knowledge curation <input type="checkbox"/> reach the largest possible audience <i>i</i> <input type="checkbox"/> make it easy for others to assess the work	<b>... we intend to publish these ...</b> <input type="checkbox"/> research applications/proposals <input type="checkbox"/> preregistrations <i>i u</i> <input type="checkbox"/> registered reports <i>i u</i> <input checked="" type="checkbox"/> data <i>i u</i> <input type="checkbox"/> data papers <i>i</i> <input checked="" type="checkbox"/> code & software <i>i u</i> <input type="checkbox"/> workflows and methods <input type="checkbox"/> presentation slides <input type="checkbox"/> conference posters <i>i</i> <input checked="" type="checkbox"/> articles/books reporting research results <input type="checkbox"/> negative/null results <i>i</i> <input checked="" type="checkbox"/> replication studies <input type="checkbox"/> review articles <i>i</i> <input type="checkbox"/> systematic reviews <i>i u</i> <input type="checkbox"/> meta-analyses <i>i</i> <input type="checkbox"/> popularising books <input type="checkbox"/> blogs etc. on project progress <input checked="" type="checkbox"/> blogs etc. aimed at discussion <input type="checkbox"/> opinion pieces (e.g. in newspapers) <i>i</i> <input type="checkbox"/> guidelines <input type="checkbox"/> handbooks <i>i</i> <input type="checkbox"/> policy-oriented documents	<b>... at these moments ...</b> <input type="checkbox"/> upon creation (open drafting) <input checked="" type="checkbox"/> as early as possible in our workflow <input type="checkbox"/> also before review (e.g. as preprint) <input type="checkbox"/> after formal peer review <i>i</i>	<b>... while trying to ...</b> <input type="checkbox"/> use double blind peer review <i>i</i> <input type="checkbox"/> use single blind peer review <input type="checkbox"/> use open peer review (identities) <i>i u</i> <input checked="" type="checkbox"/> allow open peer review reports <i>i u</i> <input checked="" type="checkbox"/> discuss author order with all authors <i>i</i> <input type="checkbox"/> indicate contributor roles (CREDIT) <i>i</i> <input type="checkbox"/> credit all contributors to the research <input checked="" type="checkbox"/> add a plain language abstract <i>i</i> <input type="checkbox"/> add a data availability statement <i>i</i> <input type="checkbox"/> cite OA (versions of) literature <input type="checkbox"/> add multilingual abstracts <i>i</i> <input type="checkbox"/> contribute to closed peer review <input type="checkbox"/> contribute to open peer review <i>i</i> <input type="checkbox"/> contribute to open commenting <input type="checkbox"/> improve versions using public comments <input type="checkbox"/> add a visual abstract <input type="checkbox"/> provide formal data/software citations <i>i i</i> <input checked="" type="checkbox"/> provide researcher identifiers (ORCIDs) <i>i u</i> <input checked="" type="checkbox"/> attach a CC-BY or CC0 license <i>i u</i> <input type="checkbox"/> attach a CC-BY-NC license <i>i u</i> <input type="checkbox"/> attach a CC-BY-ND license <i>i u</i> <input type="checkbox"/> abide by any reporting guidelines <i>i</i>	<b>... using these platforms/venues:</b> <input type="checkbox"/> fully open access journals <i>i u</i> <input checked="" type="checkbox"/> fully open access journals without APCs <i>i u</i> <input type="checkbox"/> open access books <i>i u</i> <input checked="" type="checkbox"/> institutional repositories <i>i i u</i> <input type="checkbox"/> subject repositories <i>i i</i> <input type="checkbox"/> general repositories like Zenodo <input checked="" type="checkbox"/> our own project website <input type="checkbox"/> journals with a high impact factor <i>i</i> <input type="checkbox"/> journals reaching the intended audience <input type="checkbox"/> learned society journals <input type="checkbox"/> journals of prestigious publishers <input type="checkbox"/> highly selective journals <input type="checkbox"/> journals only checking methodological rigour <input type="checkbox"/> journals with statistical review expertise <input type="checkbox"/> journals with the largest readership <input type="checkbox"/> specialised topical journals <input type="checkbox"/> broad multidisciplinary journals <input type="checkbox"/> journals explicitly aimed at interdisciplinarity <input type="checkbox"/> data archives <i>i u</i> <input type="checkbox"/> software repositories <i>i</i> <input type="checkbox"/> prestigious book publishers <input type="checkbox"/> journals indexed by specific search engines

## my/our strategy:

My/my team's publishing goal is to establish priority on findings, communicate with societal stakeholders, foster careers of ECRs and temporary staff, make it easy for others to use the work and help improve reproducibility of science. That is why we intend to publish data, code & software, articles/books reporting research results, replication studies and blogs etc. aimed at discussion, and mostly do that as early as possible in our workflow. Where relevant and possible we will try to allow open peer review reports, discuss author order with all authors, add a plain language abstract, provide researcher identifiers (ORCIDs) and attach a CC-BY or CC0 license. We aim to use these platforms and venues to communicate and share our work: fully open access journals without APCs, institutional repositories and our own project website.

N.B. This sheet can be used for discussing current ways of working and for discussing strategies, in groups as well as individual settings. Relevant options can vary for different projects you are working on. In a coherent strategy options chosen in the various columns make sense and do not contradict, although you can have multiple goals and parallel ways of working. To use the interactive functionality, first download your own copy of the worksheet. Then start by ticking a goal, which will often trigger some suggestions in the other columns that you can follow or ignore. You can add more goals. While making selections your narrative will be built. The i's lead to general background information, u's to information in the Utrecht University context (when reusing outside Utrecht you can remove those or adapt them to your own institutional context). Note this tool should not be a straitjacket but rather facilitate discussion. Copy-paste and manually edit the narrative generated here. Read on the [ABOUT](#) page.

Jeroen Bosman & Bianca Kramer, [CC0](https://tinyurl.com/publishing-strategy)  
<https://tinyurl.com/publishing-strategy>  
 last updated 20220213

# Journal selection

You can identify a journal to publish in

- 1) Define the scope of your research article incl. specific terms and phrases
- 2) Search for relevant and verified OA journals with your specific keywords in the Directory of Open Access Journals at <https://doaj.org/search/journals>
- 3) Go through the checklist at <https://thinkchecksubmit.org/journals/>





**Publisher independent peer review**

# **publisher-independent Peer review for quality assurance**

## Community (preprint) peer review services

- PREreview, [prereview.org](https://prereview.org)
- Peer Community In, [peercommunityin.org](https://peercommunityin.org)
- Publons, [publons.com](https://publons.com)
- Hypothesis, [web.hypothes.is](https://web.hypothes.is)
- ... and many more (see next slide)



# ReimagineReview

ASAPbio

a registry of platforms and experiments reimagining peer review.

ns or requests for reviews Add Rev

RECENTLY REVIEWED RECENTLY REQUESTED

nobody protects hACE2 mice against SARS-CoV-2 infection via intranasal

08.429275

PREREVIEW

PREREVIEW checkmark

Catalyzing change in peer review through equity, o...

preLights checkmark

A community platform for highlighting and comm...

Welcome to Periodicals!

Latest Periodicals: [see them all](#)

BRAZILIAN REPRODUCIBILITY INITIATIVE

Hydrin: the old and the new

Periodicals.com checkmark

Select the best science

hypothes.is About Us In Action Blog Developers

Make reading active, visible and social

Are you interested in increasing student engagement, expanding reading, comprehension and building critical-thinking and community in classes? Collaborative annotation makes reading active, visible, and social, enabling students to engage with their texts, teachers ideas, and deeper, more meaningful ways.

h.

Hypothesis checkmark

Creating a conversation over all knowledge

Identify Publishing: How early-career researchers are shaping eLife

eLife

Plaudit checkmark

Open endorsements from the academic community

You're proud of your manuscript. Instead of, or before, submitting it to a journal,

PREPRINT SERVER (arXiv, bioRxiv...)

Revised versions

Recommended peer-reviewed preprint

PCI process

Peer Community In checkmark

A free recommendation process of unpublished s...

SciRate Sign in

Top arXiv papers

The  $\alpha \rightarrow 1$  limit of the Sharp Quantum Rényi Divergence

Ignacio Bengt, Robert Salazar, Mariana Ochoa

Feb 15 2021 quant-ph math-ph math.MP arXiv:2102.06576v1

Fawzi and Fawzi recently defined the sharp divergence,  $D_{\alpha}^{\text{sh}}$  for  $\alpha \in (1, \infty)$ , as an additional quantum divergence with nice mathematical properties and applications in quantum channel discrimination and communication. One of their open questions was the limit  $\alpha \rightarrow 1$  of this divergence. By finding a new expression of the sharp divergence in terms of a minimization of the geometric divergence, we show it is equal to the Belavkin-Szuszewski relative entropy. Analogous minimizations of arbitrary generalizations lead to a new family of generalized divergences that we call kergel divergences, and for

SciRate checkmark

Front for the arXiv with voting and commenting.

Interactive journal work flow

1. Submission

2. Review

3. Technical corrections

4. Manuscript posted in discussion forum

5. Public discussion

6. Final response

7. Final discussion/Author decision

8. Revision

9. Peer review completion

Interactive Public Peer Review checkmark

Enhancing effectiveness and transparency of science...

overlay journal

EDITORIAL COMMITTEE

REVIEWERS

AUTHOR

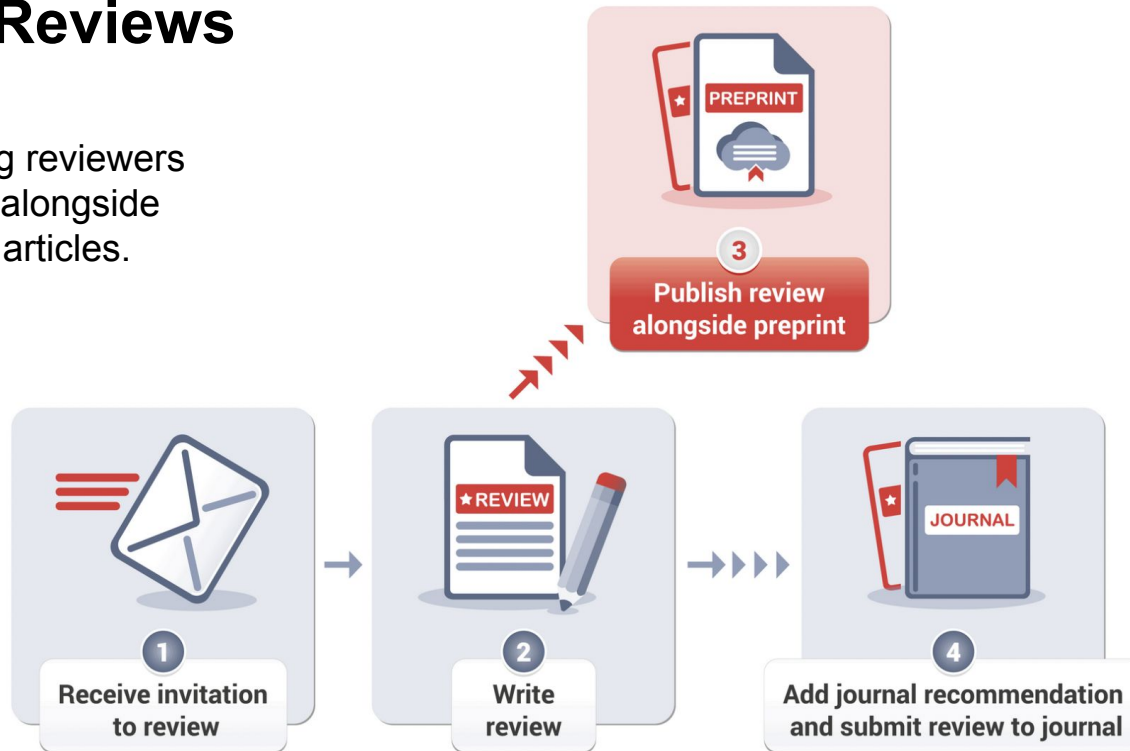
EDITOR

Overlay Journal Platform checkmark

[reimaginebio.org/](https://reimaginebio.org/)

# Publish Your Reviews

an initiative encouraging reviewers to post their comments alongside the preprint versions of articles.



# Open Peer Review

A collaborative effort between 5 organizations





Access 2  
Perspectives

the pan-African  
OPEN  ACCESS Portal



## Providing Reciprocal Discoverability of African Research Content.

Johanssen Obanda, AfricArXiv, Nairobi, Kenya - ORCID: 0000-0002-2111-7780

Jo Havemann, Access 2 Perspectives, Berlin, Germany - ORCID: 0000-0002-6157-1494

**VAD Conference 7-10 June 2022**

website: [africarxiv.org](https://africarxiv.org)

email: [info@africarxiv.org](mailto:info@africarxiv.org)

[f](#) [t](#) [i](#) [in](#) @AfricArXiv

# Our Mission



We are establishing **an independent and open research repository** and interoperable source of contributions for and from researchers working on pan-African advancement **to increase discoverability** of African researchers' output and **for all scientists who work in an African context.**

# The Challenges



Language barriers



Low visibility of African scholarly output internationally



African researchers tend to be less integrated into international research networks



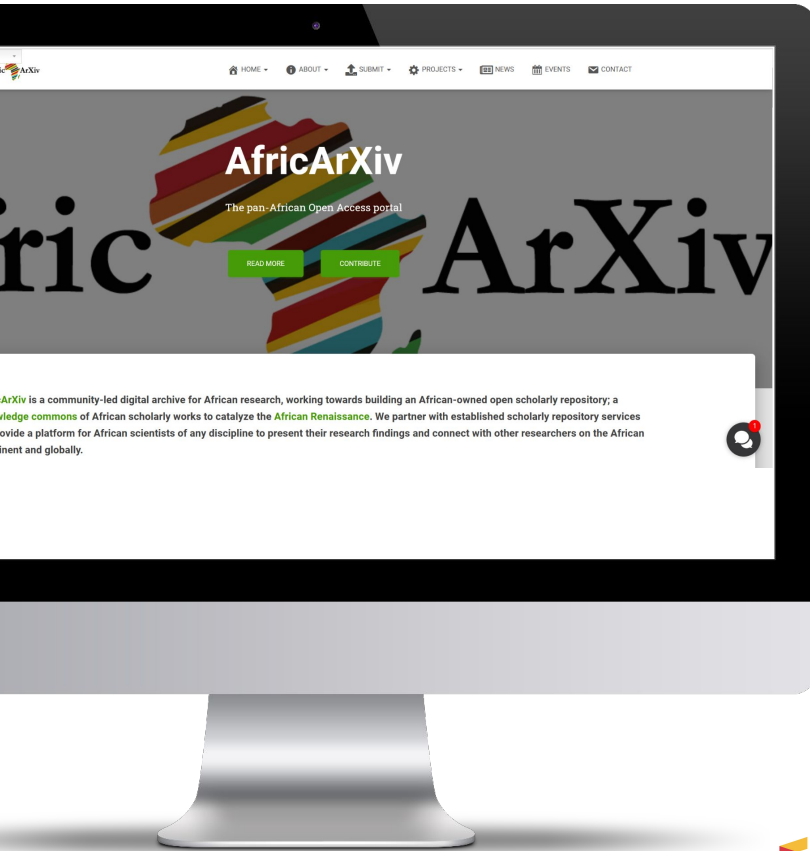
Restricted access to research funding



# The Solution

We partner with established scholarly repository services to provide a platform for African scientists of any discipline to present their research findings and connect with other researchers on the African continent and globally.





## Submission of Research items

- from researchers working in and about Africa

## Submission Moderation

- checkpoints for quality assurance

## Discoverability

- assigning a DOI to each submitted item
- inking to the researchers ORCID ID
- indexing in scholarly search engines



Access 2 Perspectives



doi: 10.5281/zenodo.7255583

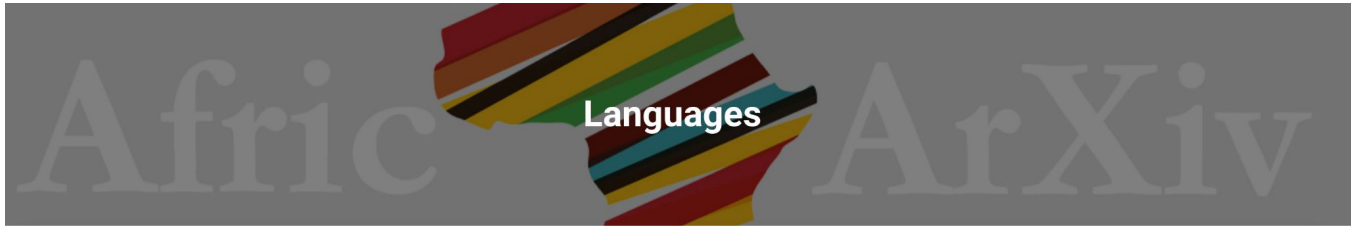


# 'Decolonize Science'

A collaborative initiative supported by **Lacuna Fund** and managed by the following organisations:



*We are translating 180 English research articles  
by African scholars across various disciplines  
to isiZulu, Northern Sotho, Yoruba, Hausa, Luganda, and Amharic.*



## **We advocate for use and acceptance of African languages in research publications**

Encouraging submitting authors to add a translation of the abstract or lay summary in the African language that is relevant to the context of their work; in accordance with the Helsinki Initiative on Multilingualism in Scholarly Communication.



[helsinki-initiative.org/en](https://helsinki-initiative.org/en)



Access 2  
Perspectives



doi: 10.5281/zenodo.7255583

# Digital Repositories Map



☰ African Digital Research Repositories institutional Default view

SIGN IN

This map visualizes the existing digital repositories in Africa and on African topics.

Explore this map by clicking on individual nodes and see descriptions, websites and other information about the repositories.

With the navigation buttons to the right, you can zoom in and out, select and focus on specific elements.

Learn more about research output from and about Africa at [info.africarxiv.org](http://info.africarxiv.org).

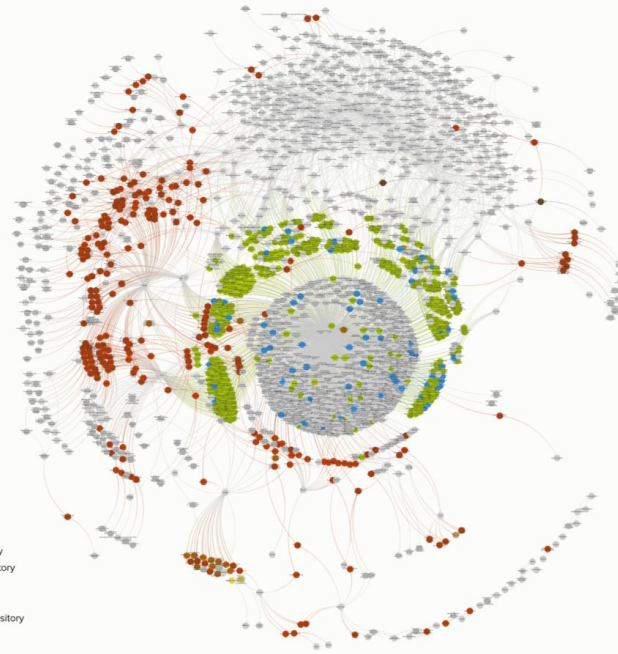
If you have comments, questions or suggestions for improvements on this map email us at [info@afrcarxiv.org](mailto:info@afrcarxiv.org).

**LICENSE: CC-BY SA 4.0**

Cite as: Bezuidenhout, Louise, Havemann, Jo, Kitchen, Stephanie, De Mutiis, Anna, & Owango, Joy. (2020). African Digital Research Repositories: Mapping the Landscape [text]. <http://doi.org/10.5281/zenodo.3732274>

#institutional | permalink

🔍 Search



#### Legend

- Institutional Repository
- Research topic repository
- National Repository
- Regional Repository
- Research project repository
- Institution
- Government

[africarxiv.org/african-digital-research-repositories/](http://africarxiv.org/african-digital-research-repositories/)



doi: [10.5281/zenodo.7255583](https://doi.org/10.5281/zenodo.7255583)

# Digital Repositories Map: Nigeria



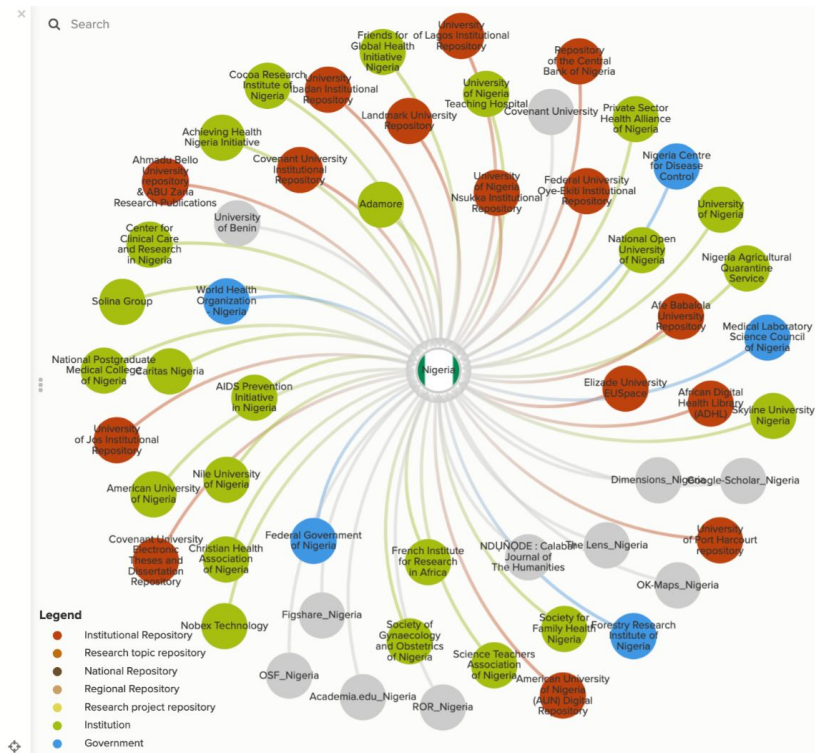
## Ahmadu Bello University repository & ABU Zaria Research Publications

INSTITUTIONAL REPOSITORY

CITY	Zaria
COUNTRY	Nigeria
FILE TYPE	text
HOST INSTITUTION	Ahmadu Bello University
LANGUAGES	en
SOFTWARE	DSpace
URL	<a href="http://kubanni.abu.edu.ng/jspui/">kubanni.abu.edu.ng/jspui/</a>
ACCESSIBILITY	open access

METRICS

BETWEENNESS	0
CLOSENESS	0.0043
DEGREE	1
EIGENVECTOR	0
INDEGREE	0
METRICS-LAST	1



[africarxiv.org/african-digital-research-repositories/](http://africarxiv.org/african-digital-research-repositories/)



doi: 10.5281/zenodo.7255583

# Recommendations for inclusive research project management

- Ensure local relevance and community buy-in
- Inclusive project design and planning
- Keep project plan flexible
- Add project sustainability plan
- Stakeholder analysis
- Anticipate and facilitate long-term partnerships
- Add expertise on
  - Socio-political and historical context
  - CRedIT contribution taxonomy
  - Be specific about regions and interpretation of results



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*The varying openness of Open Access publishing  
in the light of globally inclusive research equity*

Dr Jo Havemann

October 26, 2022



Access 2  
Perspectives



Website: [access2perspectives.org](https://access2perspectives.org)

doi: 10.5281/zenodo.720060