

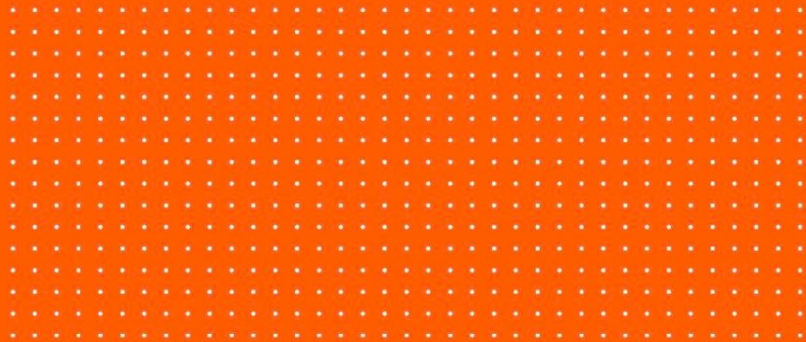


EXPLORING THE OPENNESS OF GLOBAL RESEARCH LANDSCAPES USING OPEN DATA

THE COKI OPEN ACCESS DASHBOARD

20 June 2024

*We acknowledge the traditional owners
of the land on which Curtin Perth is
located, the Whadjuk people of the
Nyungar Nation.*





Prof Lucy Montgomery

*Dean of Research, Faculty of Humanities
Co-lead of the Curtin Open Knowledge Initiative
(COKI)*

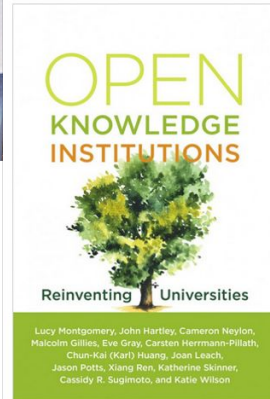
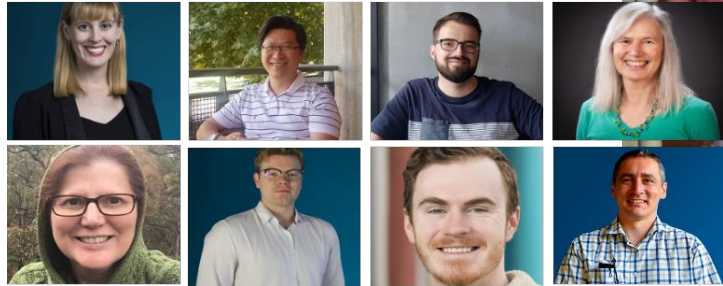


Dr Kathryn Napier

*Lead Data Scientist, COKI project, Curtin
Institute for Data Science*



THE COKI PROJECT



- Commenced in 2018
- Curtin University strategic initiative
- >\$10M in funding
- Founded in the Centre for Culture and Technology (Humanities)
- Collaboration with Curtin Institute for Data Science (Science and Engineering)

Curtin named among the world's top 250 universities

12 OCT 2022 | Yasmine Phillips

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This was published 5 years ago

Two WA universities ranked among best in world

Hannah Barry

Updated August 15, 2017 – 4.20pm, first published at 11.50am

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Two West Australian universities have been ranked among the best in the world, following the release of the results from the Academic Ranking of World Universities study on Tuesday morning.

RESEARCH

Curtin reaches new heights in prestigious QSWUR

09 JUN 2022 | Yasmine Phillips

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This was published 2 years ago

Murdoch falls behind Edith Cowan to become WA's worst-ranked public university

Aja Styles and Natassia Chrysanthos

Updated September 3, 2020 – 2.39pm, first published at 1.12pm

Save Share A A A View all comments

Murdoch University has plunged down the global university rankings, falling behind Edith Cowan University for the first time in its history.

Murdoch dropped to 501-600th position in the Times Higher Education's annual rankings after holding strong to 401-500th position for five years.

LIVE

Search

The West Australian

NEW FOOTY TIPPING COMP! Cash in on your WAFL knowledge to win a whopping \$10

Education | State Politics | WA News

Education Minister Tony Buti says University of WA's top 100 ranking under threat as SA leads way on mergers

Bethany Hiatt & Josh Zimmerman | The West Australian
Thu, 23 February 2023 12:37PM | Comments

Education Minister Tony Buti has refused to buy into speculation an independent review of WA's universities will call for amalgamations, but conceded institutional size played a role in driving up world rankings.

He told reporters on Thursday the top 100 ranking of the State's most prestigious institutions – the University



EUROPEAN OPEN SCIENCE CLOUD



National Science Foundation

OPEN SCIENCE IN CONVERSATION
 Wednesday, March 30, 11:00 a.m. - 12:00 p.m. EDT

FOLLOW THE MONEY - FUNDING OPEN, DIVERSE, INCLUSIVE AND EQUITABLE SCIENCE

 Eunica Mercado-Lara
Open Research Funders Group

 Kate Hertweck
Open Research Funders Group

#OpenScienceAction

Let's Talk About Openness & Equity in Grantmaking!

HOW WOULD YOU APPLY OPENNESS & EQUITY TO GRANTMAKING?

 **rfg**
 Open Research Funders Group

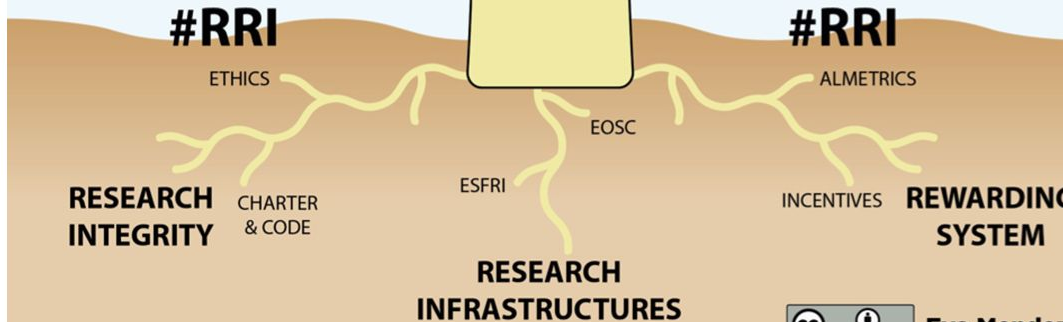
Participate in the survey: rb.gy/9i1wqt



Australian open science mushroom by Libby Hepburn



- OPEN ACCESS ✓
- OPEN RESEARCH ✓
- DATA ✓
- OPEN SOFTWARE (FOLSS) ✓
- TDM ✓
- OPEN DESIGN ✓
- OPEN RESEARCH ✓
- OPEN SCIENTIFY WORKFLOWS ✓
- OPEN METHODOLOGIES ✓
- OPEN PEER REVIEW ✓
- COLLABORATIVE SCIENCE ✓
- OPEN DESIGN ✓



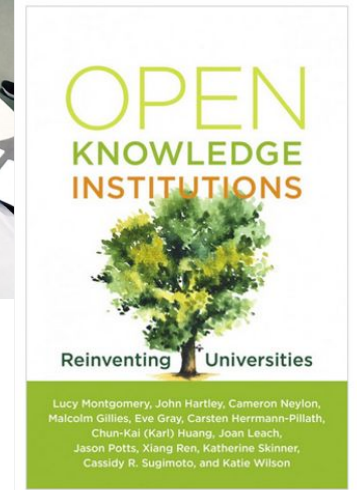
Eva Mendez

AN OPEN KNOWLEDGE AGENDA

- What does Open Knowledge change?
- What would a University as an Open Knowledge Institution look like?
- What kind of information might a university need to support a shift from closed to open?
- What kind of information do funders, policy makers and research communities need to support an open agenda?



COKI Book Sprint, Western Australia, 2018





COKI Workshop, Mauritius, 2019

OPEN ACCESS DASHBOARD

- OPEN ACCESS DASHBOARD
- OPEN ACCESS
- HOW IT WORKS
- DATA
- ABOUT
- CONTACT

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OPEN ACCESS DASHBOARD

Open Access by country. Showing output counts, number and percentage of accessible outputs published between 2000 and 2023. You can sort and filter by region, subregion, number of publications (default filter is 1000 publications), and open access levels. You may also search for a specific country in the search bar at the top right.

COUNTRY | INSTITUTION

COUNTRY	OPEN ↓	BREAKDOWN PUBLISHER OPEN BOTH OTHER PLATFORM OPEN CLOSED	TOTAL PUBLICATIONS	OPEN PUBLICATIONS	LEARN MORE >
SÃO TOMÉ AND PRÍNCIPE	94%		2,717	2,566	LEARN MORE >
INDONESIA	91%		1,599,809	1,458,676	LEARN MORE >
NICARAGUA	85%		6,896	5,847	LEARN MORE >
PERU	82%		118,157	96,787	LEARN MORE >
THE GAMBIA	81%		4,303	3,493	LEARN MORE >
ANGOLA	81%		3,560	2,886	LEARN MORE >
SOUTH SUDAN	81%		11,544	9,315	LEARN MORE >
ANTIGUA AND BARBUDA	80%		1,922	1,533	LEARN MORE >

FILTERS

REGION ×

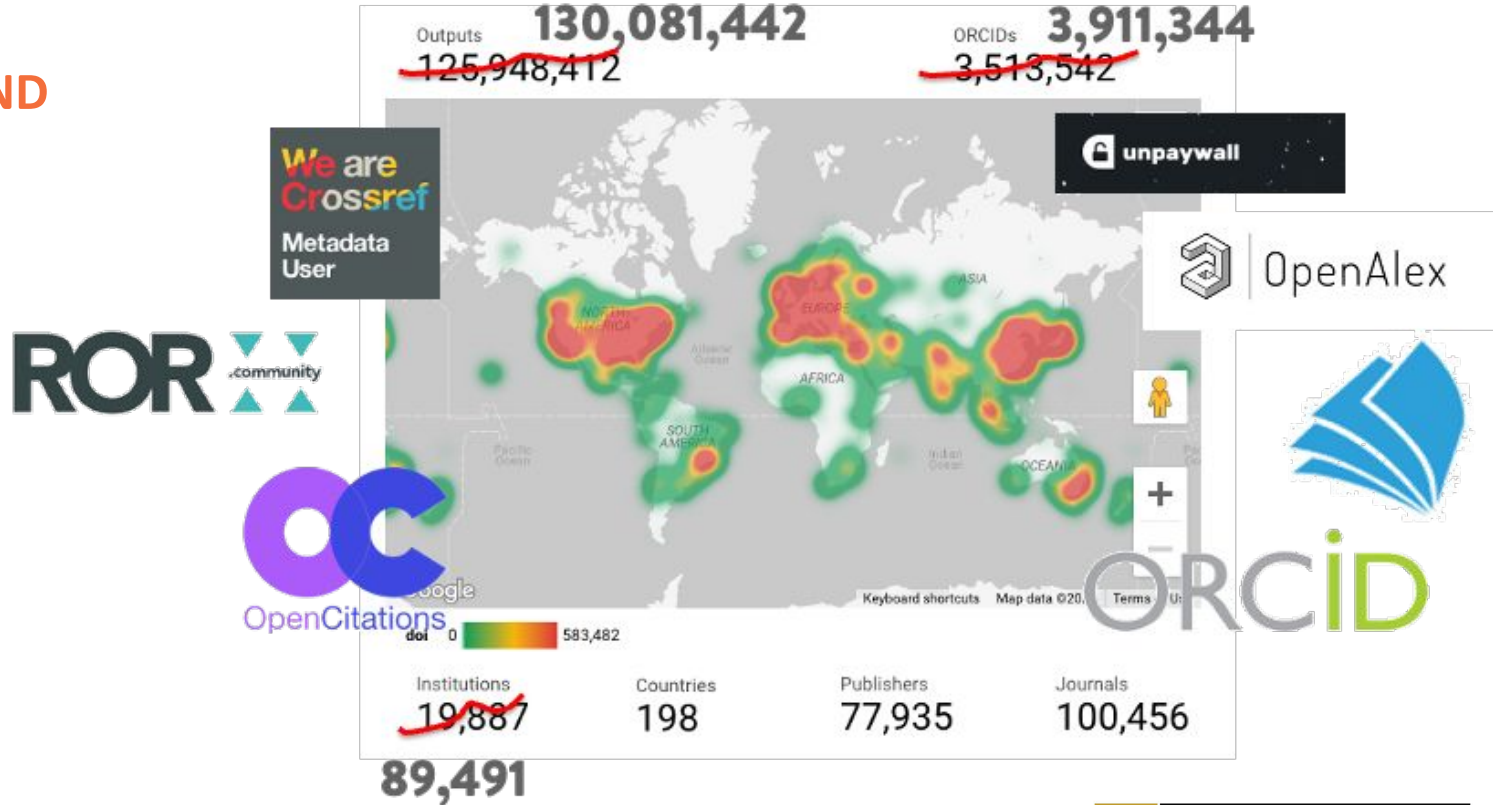
- AFRICA >
- AMERICAS >
- ASIA >
- EUROPE >
- OCEANIA >

PUBLICATIONS & OA +

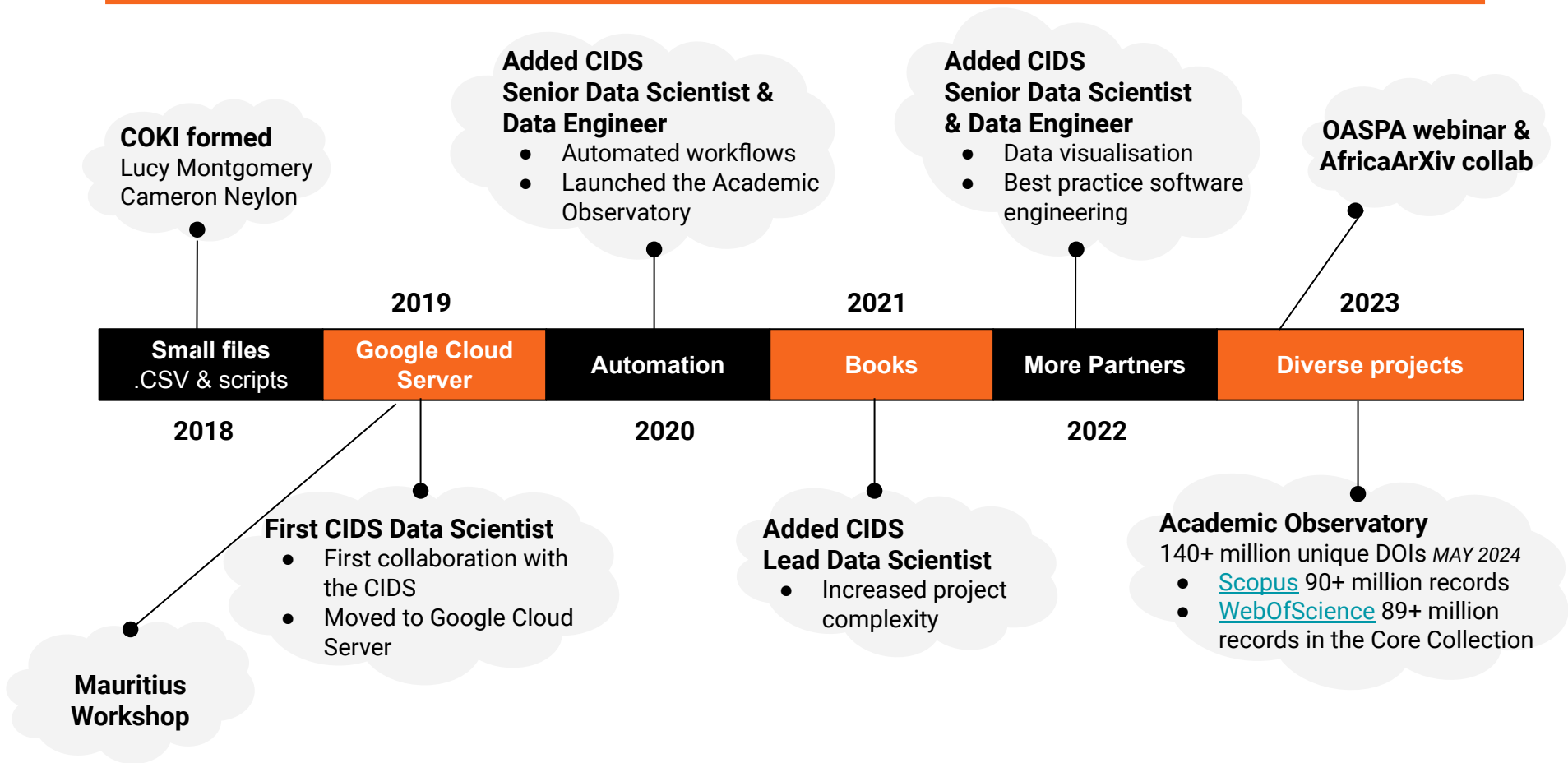
SELECT COUNTRIES +

APPLY CLEAR

OPEN DATA SOURCES AND SCALES



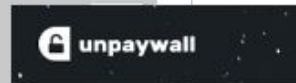
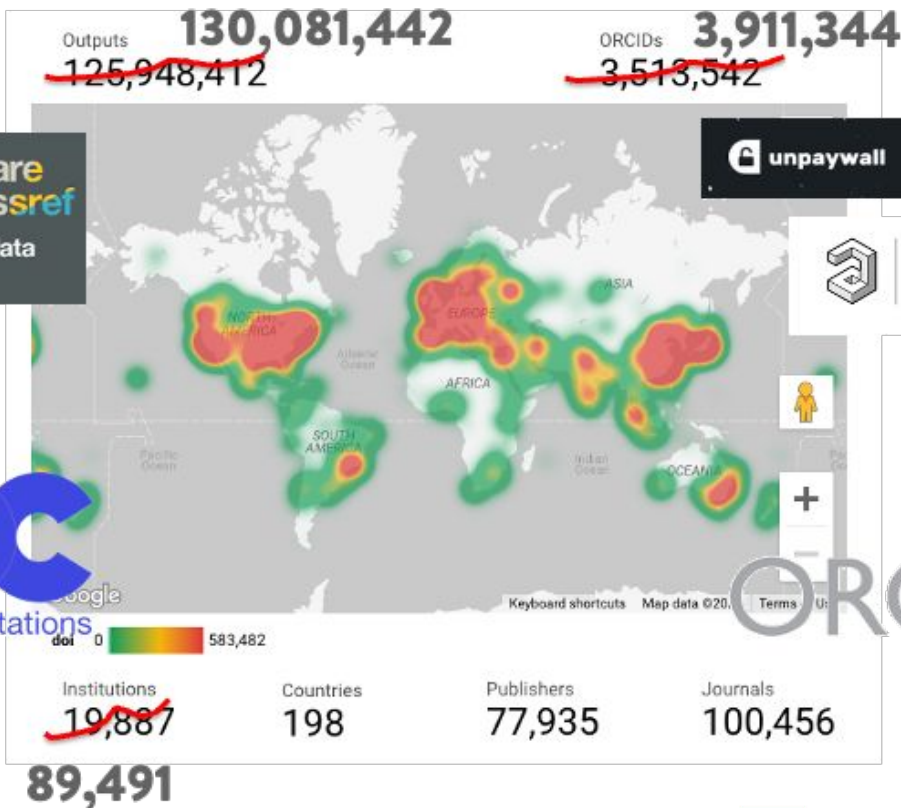
COKI AND THE INSTITUTE FOR DATA SCIENCE



WORKING WITH LARGE DATA AT SCALE

Powered by
persistent
identifiers:

- DOIs
- ORCID
- Research Organisation Registry



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FILTERS

REGION ×

- AFRICA >
- AMERICAS >
- ASIA >
- EUROPE >
- OCEANIA >

PUBLICATIONS & OA +

SELECT COUNTRIES +

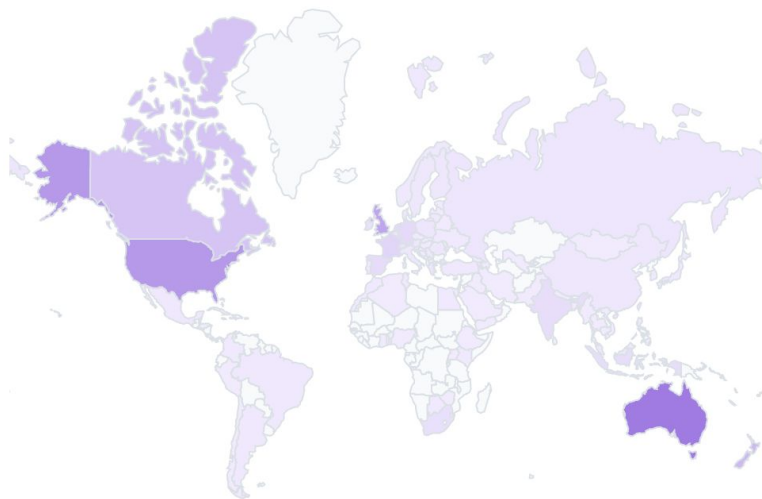
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COMMUNITY ENGAGEMENT?

- Viewers of the OA website February 8 2022 - February 28 2023

Locations

[Map](#) [Countries](#) [Regions](#) [Cities](#)



[DETAILS](#)

Top Sources

[All](#) [Campaigns](#) ▼

Source	Visitors
Direct / None	3.6k
openknowledge.community	1.2k
Google	480
Twitter	476
Facebook	148
statics.teams.cdn.office.net	68
workers.cloudflare.com	63
zenodo.org	34
LinkedIn	22

[DETAILS](#)

COMMUNITY ENGAGEMENT





Country Profiles

📄 Issue

Here you can click through each African country to see their scholarly profiles by mapping of institutional repositories, generalist repositories, and research output as compiled by [The Lens](#) and [COKI Initiative](#).

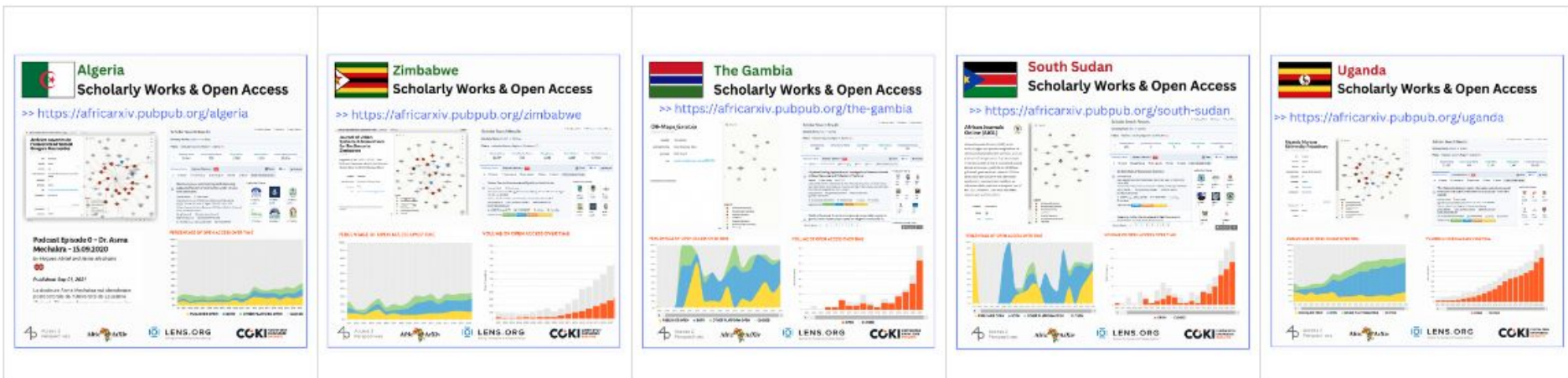
For reference to our initial mapping African institutional repositories initiative, please refer to <https://africarxiv.pubpub.org/pub/african-digital-research-repositories-mapping-the-landscape/>

Contributing and featured organizations:

	<p>The Lens serves global patent and scholarly knowledge as a public resource to make science- and technology-enabled problem-solving more effective, efficient and inclusive.</p>
	<p>The Curtin Open Knowledge Initiative (COKI) is a strategic initiative to change the stories that universities tell about themselves, and to put open knowledge at the heart of that narrative.</p>
	<p>African Journals Online (AJOL), the world's largest and preeminent platform of African-published scholarly journals, is a Non-Profit Organisation that (since 1998) works to increase global & continental online access, awareness, quality & use of African-published, peer-reviewed research</p>
	<p>The Directory of Open Access Journals (DOAJ) is a unique and extensive index of diverse open access journals from around the world, driven by a growing community, committed to ensuring quality content is freely available online for everyone.</p>

<https://africarxiv.pubpub.org/country-profiles>

COMMUNITY ENGAGEMENT

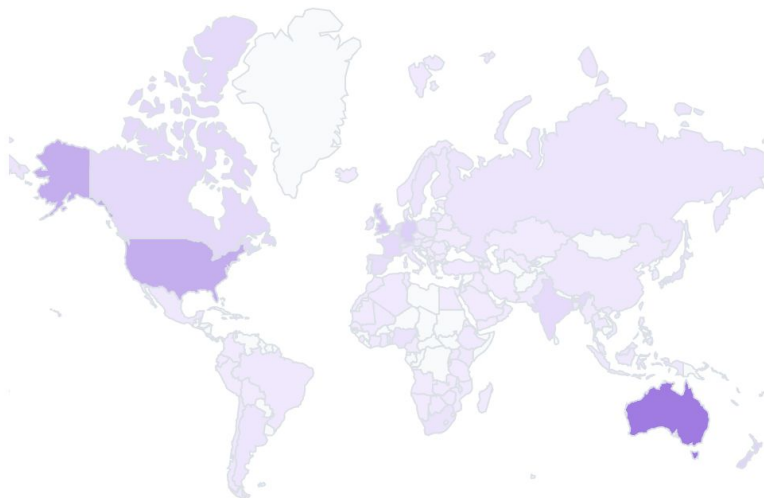


COMMUNITY ENGAGEMENT

- Viewers of the OA website March 1 2023 - March 31 2024

Locations

[Map](#) Countries Regions Cities



[DETAILS](#)

Top Sources

[All](#) Campaigns ▼

Source	Visitors
Direct / None	3.6k
openknowledge.community	1.1k
Google	1.1k
africarxiv.pubpub.org	857
Twitter	171
statics.teams.cdn.office.net	170
theguardian.com	146
Bing	101
workers.cloudflare.com	75

[DETAILS](#)

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Thank you!

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KNOWLEDGE
INITIATIVE