



Confederation of Open Access Repositories

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](#)



Why repositories?

- Make research outputs openly available
- Repatriate research products published elsewhere
- Preserve research assets produced by our research communities
- Track research outputs of the university



There are around 6000 repositories world-wide



International
Repository Directory

[Repository Browser](#) [Admin](#) [About IRD](#) [System Help](#)

[Kathleen Shearer](#) [English](#)

Welcome to the International Repositories Directory (IRD)

This is the International Repositories Directory, managed by the [Confederation of Open Access Repositories \(COAR\)](#). The directory aims to be an **authoritative source** of information about repositories, providing the community with an accurate and timely record of the current repository landscape. It contains information such as the types and versions of platforms in use, scope of repository collections, geographic location, institutional affiliations, functionalities supported, and so on.



Records in IRD

Total Records

7585

Verified Records

947

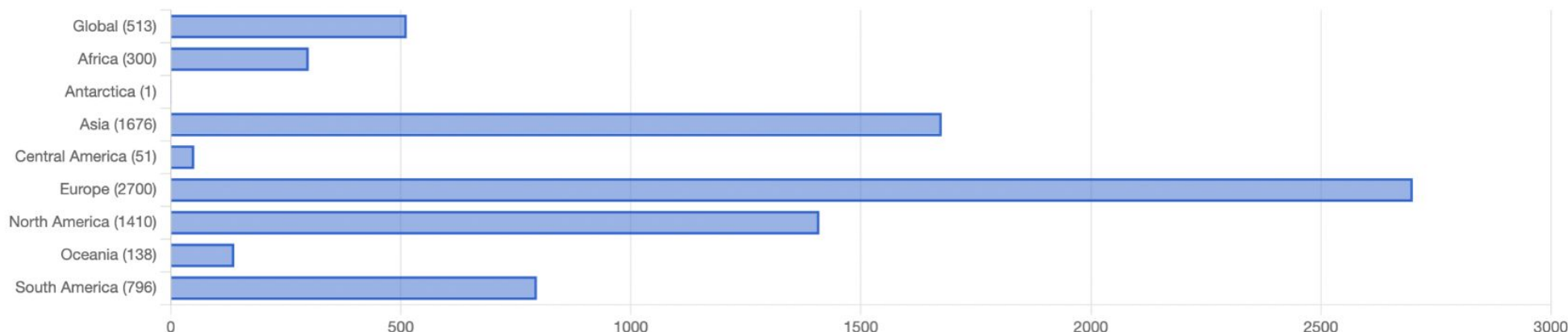
Records Awaiting Review

4119

Records Under Review

2519

Repositories (count) by Continent



Confederation of Open Access Repositories

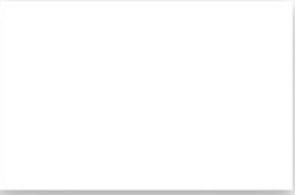
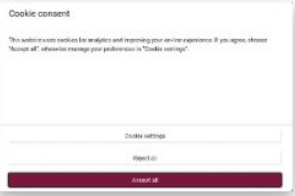


“Each individual repository is of limited value for research: **the real power of Open Access lies in the possibility of connecting and tying together repositories**, which is why we need interoperability.

Interoperability allows us to exploit today’s computational power so that we can aggregate, data mine, create new tools and services, and generate new knowledge from repository content.” [COAR manifesto: The case for interoperability of Open Access repositories, 2011]

- | | | |
|--|--|--|
| ☐ Afghanistan (1) | ☐ Guatemala (2) | ☐ Panama (9) |
| ☐ Albania (2) | ☐ Honduras (6) | ☐ Papua New Guinea (2) |
| ☐ Algeria (41) | ☐ Hungary (54) | ☐ Paraguay (3) |
| ☐ Antarctica (1) | ☐ Iceland (4) | ☐ Peru (177) |
| ☐ Argentina (101) | ☐ India (118) | ☐ Philippines (12) |
| ☐ Armenia (2) | ☐ Indonesia (227) | ☐ Poland (157) |
| ☐ Austria (51) | ☐ Iran (14) | ☐ Portugal (76) |
| ☐ Azerbaijan (4) | ☐ Iraq (9) | ☐ Puerto Rico (4) |
| ☐ Bangladesh (16) | ☐ Ireland (43) | ☐ Qatar (5) |
| ☐ Belarus (46) | ☐ Israel (1) | ☐ Romania (18) |
| ☐ Belgium (36) | ☐ Italy (164) | ☐ Russia (62) |
| ☐ Bolivia (5) | ☐ Jamaica (1) | ☐ Rwanda (3) |
| ☐ Bosnia and Herzegovina (3) | ☐ Japan (685) | ☐ Samoa (1) |
| ☐ Botswana (5) | ☐ Jordan (1) | ☐ San Marino (1) |
| ☐ Brazil (233) | ☐ Kazakhstan (11) | ☐ Saudi Arabia (11) |
| ☐ British Indian Ocean Territory (11) | ☐ Kenya (45) | ☐ Senegal (3) |
| ☐ Bulgaria (13) | ☐ Kosovo (3) | ☐ Serbia (73) |
| ☐ Cambodia (1) | ☐ Kuwait (1) | ☐ Singapore (10) |
| ☐ Canada (195) | ☐ Kyrgyzstan (2) | ☐ Slovakia (6) |
| ☐ Cape Verde (2) | ☐ Laos (1) | ☐ Slovenia (14) |
| ☐ Chile (42) | ☐ Latvia (6) | ☐ Somalia (2) |
| ☐ China (66) | ☐ Lebanon (6) | ☐ South Africa (42) |
| ☐ Colombia (162) | ☐ Lesotho (3) | ☐ South Korea (55) |
| ☐ Costa Rica (15) | ☐ Libya (5) | ☐ Spain (206) |
| ☐ Croatia (176) | ☐ Lithuania (27) | ☐ Sri Lanka (29) |
| ☐ Cuba (16) | ☐ Luxembourg (1) | ☐ Sudan (13) |
| ☐ Cyprus (9) | ☐ Macao (1) | ☐ Sweden (52) |
| ☐ Czechia (36) | ☐ Malawi (4) | ☐ Switzerland (48) |
| ☐ Denmark (23) | ☐ Malaysia (44) | ☐ Taiwan (53) |
| ☐ Djibouti (1) | ☐ Malta (2) | ☐ Tajikistan (1) |
| ☐ Dominican Republic (8) | ☐ Mexico (79) | ☐ Tanzania (17) |
| ☐ Ecuador (41) | ☐ Moldova (20) | ☐ Thailand (25) |
| ☐ Egypt (11) | ☐ Mongolia (2) | ☐ Trinidad and Tobago (1) |
| ☐ El Salvador (10) | ☐ Morocco (6) | |
| | ☐ Mozambique (2) | |
| | ☐ Myanmar | |
| | ☐ Nepal (1) | |

Awaiting Review	System online	OAI-PMH offline
AURA Home 		
Scope: Unclassified Software: DSpace (6.3) Owner: Prifysgol Aberdeeen Primary Subject: Unknown		
		
Reviewed: Not yet reviewed		
Awaiting Review	System online	OAI-PMH online
Aberystwyth Research Portal 		
Scope: Unclassified Software: Pure Owner: Aberystwyth University Primary Subject: Unknown		
		
Reviewed: Not yet reviewed		
Awaiting Review	System online	OAI-PMH not enabled
Aerade Reports Archive 		
Scope: Unclassified Software: DSpace (5.10) Owner: Prifysgol Cranfield Primary Subject: Unknown		
		
Reviewed: Not yet reviewed		
Awaiting Review	System online	OAI-PMH online

Awaiting Review	System online	OAI-PMH not enabled
Abertay University 		
Scope: Unclassified Software: Unknown Owner: Abertay University Primary Subject: Unknown		
		
Reviewed: Not yet reviewed		
Awaiting Review	System online	OAI-PMH online
Adelaide Research & Scholarship: Home 		
Scope: Unclassified Software: DSpace Owner: Adelaide Uni Primary Subject: Unknown		
		
Reviewed: Not yet reviewed		
Awaiting Review	System online	OAI-PMH online
Anglia Ruskin Research Online 		
Scope: Unclassified Software: Figshare Owner: ARU Primary Subject: Unknown		
		
Reviewed: Not yet reviewed		
Awaiting Review	System online	OAI-PMH unknown

Some common tensions between CRIS's and Repos

- Open standards / protocols for open science vs. proprietary APIs for CRIS systems, especially commercial systems
- Openness vs commercialisation/impact
- Integrations between repositories and CRIS systems can **inhibit repositories from fully participating in the open science ecosystem...**

Therefore:

- We advocate for interoperability, not integration

Major trends impacting scholarly communications

From August to October, COAR undertook a strategic review of the landscape to help design a new COAR Strategy for 2026-28

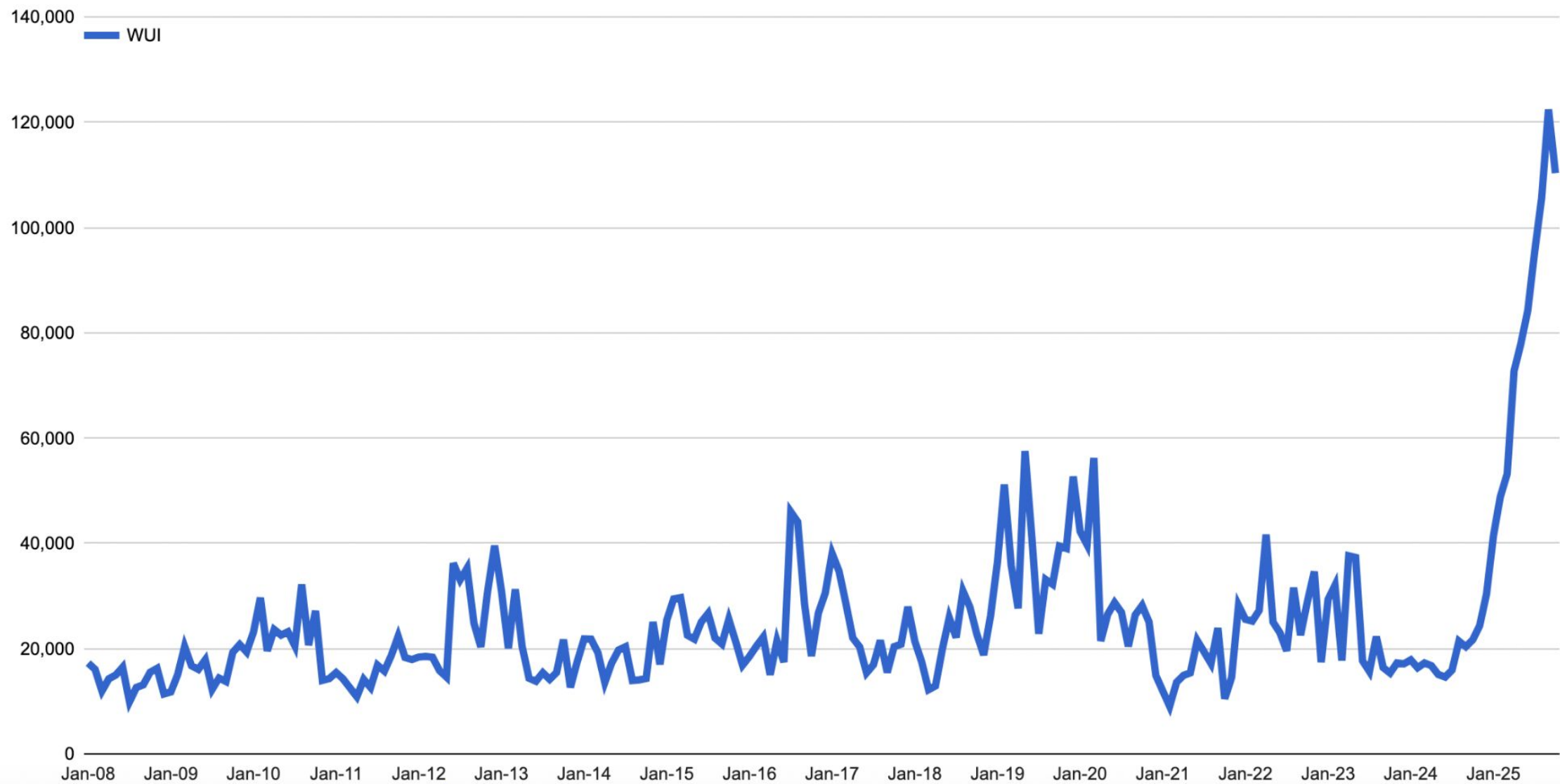
- Members survey
- Consultation with experts
- Literature review



World Uncertainty Index (WUI): Global

Index. GDP weighted average. January 2008 to October 2025

[Print](#) [Excel](#) [Copy](#)





IMPLICATIONS FOR REPOSITORIES

(and maybe for CRIS Systems too)

I. Navigate and leverage technological change

Priorities

- Dealing with aggressive bots
- How to manage “conversational” AI in the context of research literature
- Developing community norms for the reuse of content by AI (with other stakeholders)
- Experiment with the use of AI to improve discovery of multilingual resources



II. Build a trusted information environment

BUILD A TRUSTED INFORMATION ENVIRONMENT



Priorities

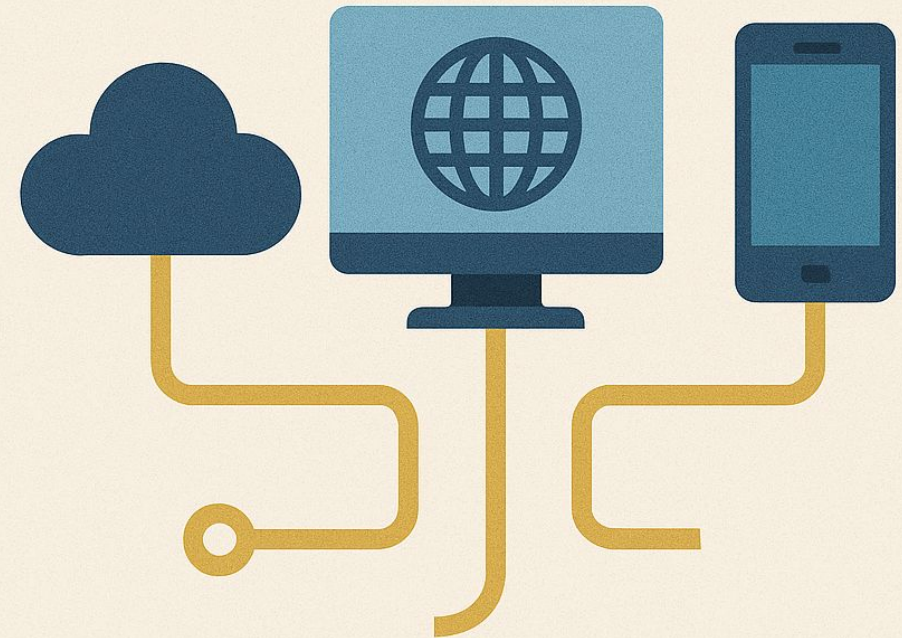
- More openness and transparency of scientific processes (including publishing)
- Develop trust indicators for research outputs beyond peer review (moving from “impact/prestige” to “trust”)
- Adopt more stringent measures for reviewing deposits
- Improved curation of resources in repositories

III. Enhanced digital coherence

Priorities

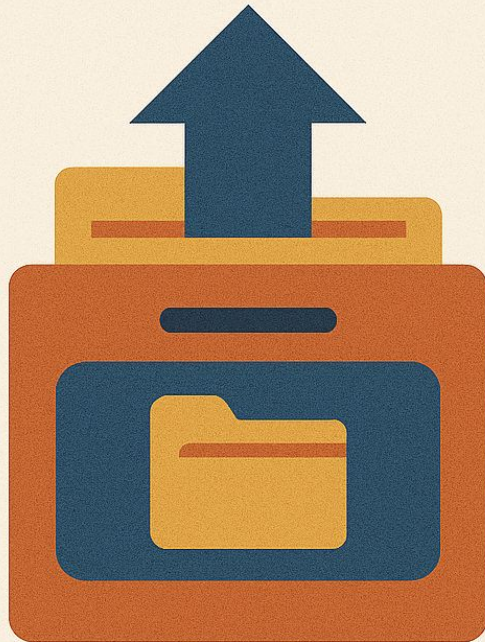
- all components — data, platforms, tools, and processes — must be well-aligned, interoperable, and work together
- Interoperability frameworks and open standards (OAI-PMH, COAR Notify, PIDs, quality metadata, and controlled vocabularies)
- Encourage federated system of repositories with national and regional networks and cross network and cross repository interoperability

ENHANCED DIGITAL COHERENCE



IV. Raise the visibility of repositories

RAISE THE VISIBILITY OF REPOSITORIES



Priorities

- Articulate a compelling, evidence-based value proposition for repositories
- Sustained and strategic advocacy tailored to the needs of different national and regional environments
- Promoting the Publish, Review, Curate model as an alternative to traditional journal publishing

**THANK
YOU**

**KATHLEEN
SHEARER**

**Executive Director
COAR**