"POLICY MAKES PRACTICE: OPEN SCIENCE AND PUBLIC FUNDING FOR THE PUBLIC GOOD"

- RECENT DEVELOPMENTS OF OPEN SCIENCE POLICIES IN LATIN AMERICA AND THE CARIBBEAN

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LANDSCAPE OF OA IN LATIN AMERICA AND THE CARIBBEAN

- Not-for-profit open access and community governance: bibliodiversity + multilingualism
- 95% adoption of open access in academic journals published in the region, without APCs or outsourcing to commercial publishers. 25% of global OA publishing.
- University leadership in open access: open access journal platforms (university and national -OJS + regional Latindex, Redalyc-AmeliCA, SciELO)*.
- Institutional repositories (La Referencia-COAR): national and institutional open access policies prioritise open access repositories for publications and data.

Babini, Dominique y Rovelli, Laura (2020). Tendencias recientes en las políticas científicas de Ciencia Abierta y Acceso Abierto en Iberoamérica. https://biblioteca-repositorio.clacso.edu.ar/bitstream/CLACSO/15699/1/Ciencia-Abierta.pdf

POLICIES AND DIGITAL INFRASTRUCTURES IN OPEN ACCESS, AND STI GOVERNANCE BODIES IN LAC COUNTRIES

Country	It has						Institution responsible for the			
	National OA policy	OA legal framework	Institutional OA policies	National repository aggregator	National academic Journal aggregator	Curriculum management systems	Governance	Research Funding	Research Assessment	Policy or promotion of open access
Argentina	✓	✓	✓	✓	✗	✓	MINCyT	MINCyT, Agencia I + D+i, CONICET	MINCyT, Agencia I+D+i, CONICET,	MINCyT
Brazil	✗	✗	✓	✓	✗	✓	MCTI	MCTI, Finep, CNPq, CAPES, FAPs	CAPES	IBICT
Chile	✓	✓	✓	✗	✓	✓	MinCiencia	ANID	CNA + ANID	ANID
Colombia	✓	✓	✓	✓	✓	✓	MINCIENCIAS	MINCIENCIAS GOB. TERRITORIALES	MINCIENCIAS	MINCIENCIAS
Costa Rica	✗	✗	✓	✓	✗	✗	MICITT	MICITT CONARE, Universides	MICITT	
Ecuador	✗	✗	✗	✓	✗	✓	SENESCYT	SENESCYT	SENESCYT + CACES	SENESCYT
El Salvador	✗	✗	✓	✓	✗	✓	CONACyT	CONACyT, Universides	CONACyT	CONACyT
Mexico	✓	✓	✓	✓	✓	✓	CONACyT	CONACyT	CONACyT	CONACyT
Panama	✗	✗	✓	✓	✗	✓	SENACyT	SENACyT	SENACyT	SENACyT
Peru	✓	✓	✓	✓	✓	✓	CONCYTEC	CONCYTEC	CONCYTEC	CONCYTEC
Uruguay	✗	✗	✓	✓	✗	✓	MEC	ANII	ANII	ANII + UdelaR

Source: Compiled by the authors.

Comisión Europea, Dirección General de Investigación e Innovación, *Políticas de acceso abierto en América Latina, el Caribe y la Unión Europea – Avances para un diálogo político*, Oficina de Publicaciones de la Unión Europea, 2023, **https://data.europa.eu/doi/10.2777/162**

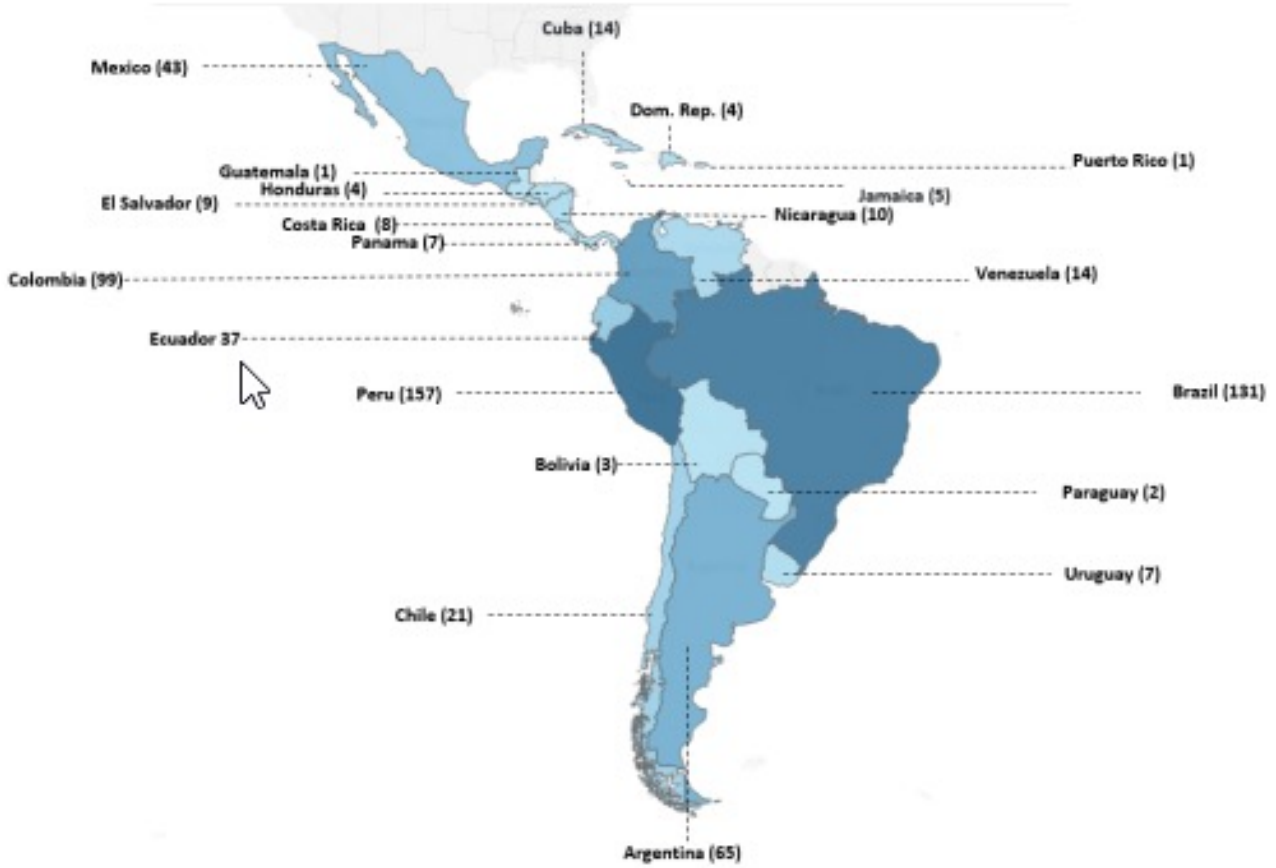
Country	DOAJ	Latindex (catalogue 2.0)	SciELO (current)	Redalyc
Argentina	361	409	96	100
Bolivia	8	9	34	11
Brazil	1,642	291	316	332
Chile	150	182	132	99
Colombia	428	69	203	261
Costa Rica	73	95	49	38
Cuba	126	63	75	44
Dominican Republic	7	15	-	1
Ecuador	87	247	29	27
El Salvador	4	5	-	-
Guatemala	-	12	-	-
Honduras	4	8	-	-
Mexico	202	325	155	257
Nicaragua	11	18	-	-
Panama	5	29	-	2
Paraguay	27	18	20	-
Peru	121	192	42	38
Puerto Rico	4	11	-	5
Uruguay	33	45	27	12
Venezuela	39	31	37	77
TOTAL	**3,332**	**2,074**	**1,215**	**1,304**

Source: Compiled by the authors based on data from DOAJ, Latindex, SciELO and Redalyc. Access date: December 2022.

NUMBER OF JOURNALS IN DOAJ, LATINDEX (CATALOGUE 2.0), SCIELO AND REDALYC IN LATIN AMERICAN AND CARIBBEAN COUNTRIES

Comisión Europea, Dirección General de Investigación e Innovación, *Políticas de acceso abierto en América Latina, el Caribe y la Unión Europea – Avances para un diálogo político*, Oficina de Publicaciones de la Unión Europea, 2023, https://data.europa.eu/doi/10.2777/162

Western Europe and North America account for nearly 85% of all the indexed open access repositories and open data repositories, while Africa and the Arab region account for less than 2% and 3%, respectively. Latin America and the Caribbean have 642 open access repositories indexed in OpenDOAR, 10.63% of the total, while open data repositories are an incipient trend.



Source: Compiled by the authors based on OpenDOAR data.

European Commission, Directorate-General for Research and Innovation, (2023).Open Access Policies in Latin America, the Caribbean and the European Union: Progress Towards a Political Dialogue. **https://data.europa.eu/doi/10.2777/162**

A CENTRAL PRINCIPLE OF THE 2023 AGENDA IS “NO ONE LEFT BEHIND

- Open engagement of societal actors & Open dialogue with other knowledge systems
- Shared, interoperable, sustainable, federated infrastructures that support bibliodiversity and multilingualism.
- Encourage scholarly communications oriented towards non-commercial and sustainable models based on collaborative and supportive work.

CLACSO Forum of participatory Science: "Social Movements and Territories for Life" in Fortaleza, Brazil.

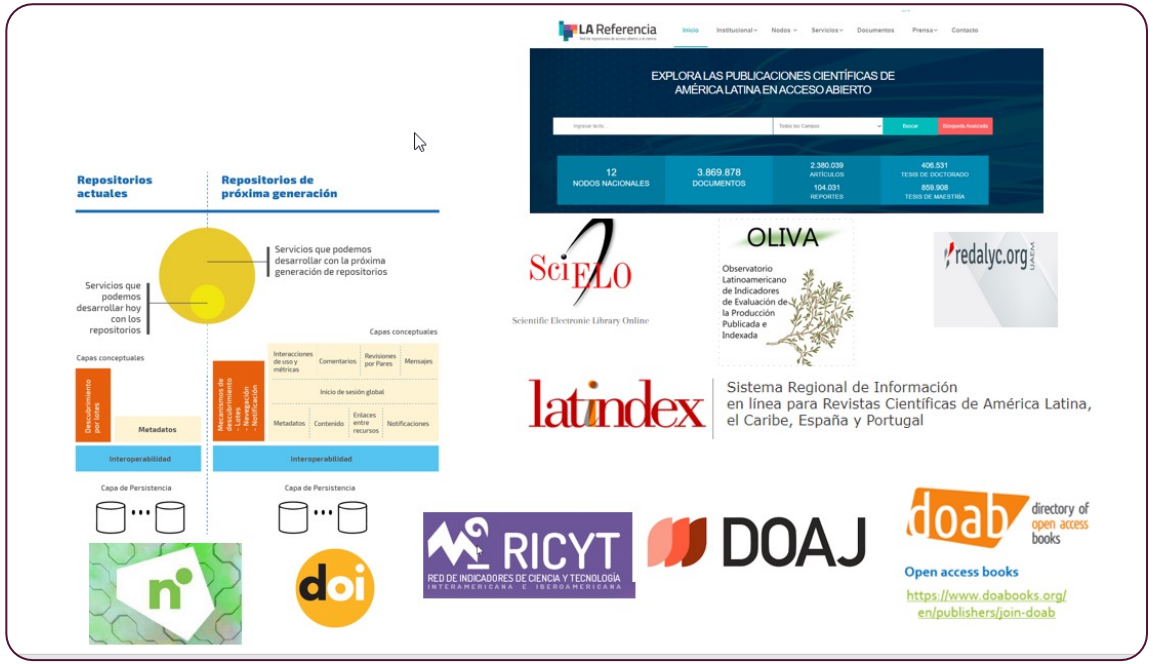
Extension/
Social linking

Bibliodiversity

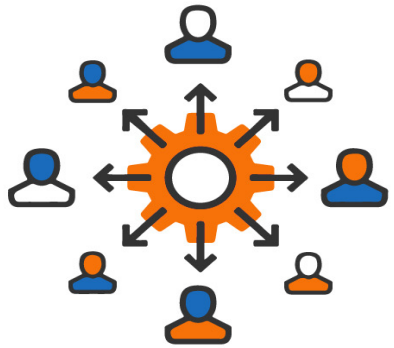
Multilingualism

OPEN SCIENCE: POTENTIAL BREAKTHROUGH IN LAC

- Achieve data interoperability in order to facilitate integrated access to metadata and make publications visible.
- Consolidated indicators of indexed production, more representative of the diversity of existing knowledge.



RECOMMENDATIONS TO PROMOTE OPEN AND ACCESSIBLE RESEARCH AND SUPPORT GOVERNMENTS IN DEVELOPMENT OF OPEN SCIENCE POLICIES: RESEARCH ASSESSMENT REFORM



Inclusive science

OPEN ACCESS AND OPEN DATA INCENTIVES IN ACADEMIC EVALUATION

- **Encourage and regulate self-archiving in OA and CC repositories.**
- **Recognise and appropriately value non-commercial Open Access publishing, and evaluation of content in repositories and diamond journals.**
- **Repositories: information on peer review process, and description.**
- **Collaborative non-commercial systems for content evaluation in repositories, e.g. COAR's Notify project which seeks to link repository content with external open peer review services.**
- **Reward availability of open data sets and interim research results on open platforms and FAIR principles.**
- **Incentivise use of open data from other researchers.**
- **Recognise and value active participation of society and users in the research process.**

ONGOING REGIONAL INITIATIVES ON DIAMOND OPEN ACCESS

CLACSO
Consejo Latinoamericano de Ciencias Sociales
Conselho Latino-americano de Ciências Sociais

FOLEC
Latin American Forum for Research Assessment
CLACSO

CLACSO

CLACSO

CLACSO

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Let's change what we value in research.

Sign DORA