



# Barcelona Declaration on Open Research Information - Coordinating Action to Promote a System-wide Transition to Open Research Information

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BARCELONA  
DECLARATION ON  
OPEN RESEARCH  
INFORMATION

[barcelona-declaration.org](https://barcelona-declaration.org)



# Open research information

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Why is it important?

# Research information

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- Research information: (bibliographic) metadata - including funding information and information on use and impact
- Used in decision making around strategic priorities, distribution of resources, and evaluation of researchers and institutions
- Used to assess the effect of policies (funders, institutions, government)
- Used by researchers and societal stakeholders to find and assess research results

# Research information must be open

## Closed research information

We are assessing researchers and institutions based on **non-transparent evidence**...

We are making decisions based on information that is **biased against less privileged languages, geographical regions, and research agendas**...

We are monitoring and incentivizing open science using **closed data**...

— but —>



**fair assessment requires full transparency**

— but —>



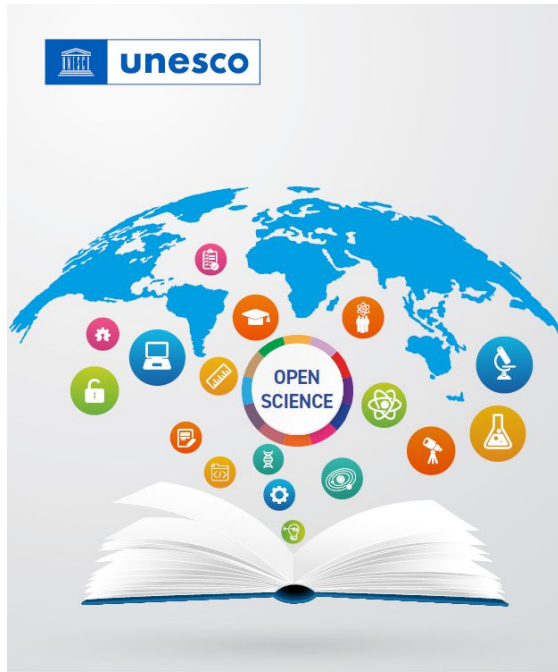
**equitable decision-making requires inclusive data**

— but —>



**open science requires open research information**

# UNESCO Recommendation on Open Science



**UNESCO Recommendation  
on Open Science**

“The monitoring of open science should be explicitly kept under public oversight, including the scientific community, and whenever possible supported by open non-proprietary and transparent infrastructures”

# Coalition for Advancing Research Assessment



Ensure independence and transparency of the data, infrastructure and criteria necessary for research assessment and for determining research impacts; in particular by clear and transparent data collection, algorithms and indicators, by ensuring control and ownership by the research community over critical infrastructures and tools, and by allowing those assessed to have access to the data, analyses and criteria used.



# Barcelona Declaration

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[barcelona-declaration.org](http://barcelona-declaration.org)

# Barcelona Declaration

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- The Barcelona Declaration on Open Research Information was prepared by a group of **over 25 research information experts**, representing organizations that carry out, fund, and evaluate research, as well as open infrastructure organizations
- To draft the Declaration, the group met in Barcelona in November 2023
- Declaration was published on **April 16, 2024**
- Over **65 organizations worldwide** have already signed the Declaration; lots of conversations are ongoing

# Barcelona Declaration - Commitment 1

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## 1

We will make openness the default for the research information we use and produce

- Openness will be the norm for the research information we use, for instance to assess researchers and institutions, to support strategic decision making, and to find relevant research outputs.
- Openness will be the norm for the research information we produce, for instance information about our activities and outputs, with an exception for information for which openness would be inappropriate ('as open as possible, as closed as necessary').



# Examples

*Open Science*

## Sorbonne University unsubscribes from the Web of Science

Sorbonne University has been deeply committed to the promotion and the development of open science for many years. According to its commitment to open research information, it has decided to discontinue its subscription to the Web of Science publication database and Clarivate bibliometric tools in 2024. By resolutely abandoning the use of proprietary bibliometric products, it is opening the way for open, free and participative tools.

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### Introducing the Leiden Ranking Open Edition

January 30, 2024 • CWTS development • 8 min read

This post introduces the Open Edition of the CWTS Leiden Ranking, published today by CWTS in collaboration with the Curtin Open Knowledge Initiative, Sesame Open Science, and OurResearch. The Leiden Ranking Open Edition is the first fully transparent university ranking.

# Examples



## French Open Science Monitor

The general monitor ▾

The health monitor ▾

The local monitors ▾

About ▾

Welcome to

## the French Open Science Monitor



Measure the evolution of open science in France using reliable, open and controlled data.

[See the last communication →](#)

# Examples

## NWO makes data on projects more readily available

5 September 2023

NWO is taking the next step in open science by also making its own data openly available via the so-called NWOopen-API. It will make basic information on NWO-funded projects easier to reuse. The hope is that as a result, researchers might only need to input their outputs from NWO projects in one place in the future, for example.



**Welcome to the UKRI gateway to publicly funded research and innovation**

**Search for and analyse information on the latest innovative research in the UK**

The API for Gateway to Research data is encountering some issues and is temporarily unavailable. We are working hard to fix this and will notify you as soon as this is rectified. Apologies for any inconvenience caused.

Please enter a search term...

Search

All Data

Help

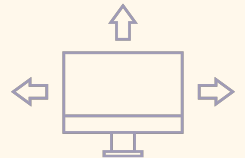
# Barcelona Declaration - Commitment 2

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## 2

We will work with services and systems that support and enable open research information

- For publishing services and platforms, we will require that research information generated in publication processes (e.g., metadata of research articles and other outputs) be made openly available through open scholarly infrastructures, using standard protocols and identifiers where available.
- For systems and platforms for the internal management of research information (e.g., current research information systems), we will require that all relevant research information can be exported and made open, using standard protocols and identifiers where available.



# Openness of metadata in agreements



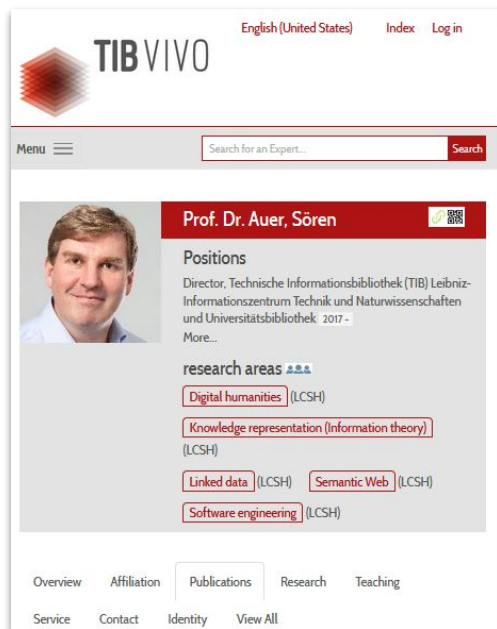
Taylor & Francis  
an **informa** business

## Supply of Article Metadata upon publication

- (a) The Publisher shall use reasonable endeavours to, within 10 Working **Days** of publication of each Green or Gold Route Articles:
- (i) register the article's DOI with CrossRef, and inform all co-authors;
  - (ii) where available populate co-authors' institutional affiliation fields on CrossRef <http://www.crossref.org/>;
  - (iii) where available populate funding metadata, including the funding body grant number in accordance with the Open Funder Registry taxonomy (<http://www.crossref.org/fundingdata>) in FundRef <http://ftp.crossref.org/fundref/index.html> and provide same information via its APIs;

We need to have agreements like this  
with all big publishers!

# Produce and use ORI with OS Software



English (United States) Index Log in

TIB VIVO

Menu Search for an Expert... Search

**Prof. Dr. Auer, Sören**

**Positions**  
Director, Technische Informationsbibliothek (TIB) Leibniz-  
Informationszentrum Technik und Naturwissenschaften  
und Universitätsbibliothek 2017 -  
More...

**research areas**

- Digital humanities (LCSH)
- Knowledge representation (Information theory) (LCSH)
- Linked data (LCSH) Semantic Web (LCSH)
- Software engineering (LCSH)

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Universität Bamberg FIS Anmelden

Startseite • Research Entities • Projects

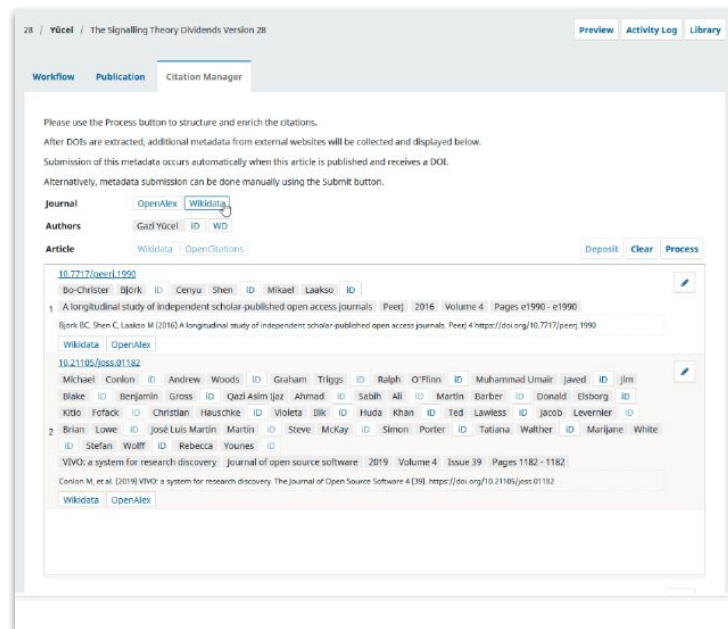
• Do migrants in Europe ag...

← Zurück zur Trefferliste

**Do migrants in Europe age well? A mixed methods and intervention study in four countries (MIG-AGE)**

Status Laufend

Projektdaten



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Authors Gad Yücel ID WD

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10.7717/peerj.1990

Bo-Christer Björk ID Ceryu Shen ID Mikael Laakso ID

1 A longitudinal study of independent scholar-published open access journals PeerJ 2016 Volume 4 Pages e1990 - e1990  
Björk BC, Shen C, Laakso M (2016) A longitudinal study of independent scholar-published open access journals. PeerJ 4 https://doi.org/10.7717/peerj.1990  
Wikidata OpenAlex

10.21105/joss.01182

Michael Corlkin ID Andrew Woods ID Graham Triggs ID Ralph O'Flinn ID Muhammad Umair Javed ID Jim Blake ID Benjamin Gross ID Qazi Asim Jaz Ahmad ID Sabih Ali ID Martin Barber ID Donald Elsborg ID Kido Fofack ID Christian Hauschke ID Violeta Ilk ID Huda Khan ID Ted Lawless ID Jacob Leverrier ID Brian Lowe ID José Luis Martín Martín ID Steve McKay ID Simon Porter ID Tatiana Walther ID Marjane White ID Stefan Wolff ID Rebecca Younes ID

VIVO: a system for research discovery Journal of open source software 2019 Volume 4 Issue 39 Pages 1182 - 1182  
Conlon M, et al. (2019) VIVO: a system for research discovery. The Journal of Open Source Software 4 (39). https://doi.org/10.21105/joss.01182  
Wikidata OpenAlex

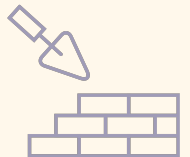
# Barcelona Declaration - Commitment 3

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## 3

We will support the sustainability of infrastructures for open research information

- We take responsibility for supporting infrastructures for open research information, for instance by participating in community building and community governance and by providing fair and equitable contributions to the financial stability and development of these infrastructures.
- We expect the infrastructures that we support to implement good practices for community governance and sustainability (e.g., Principles of Open Scholarly Infrastructure).



# Examples

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## The Principles of Open Scholarly Infrastructure

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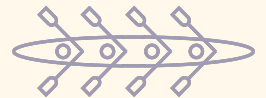


# Barcelona Declaration - Commitment 4

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4  
We will support collective action to accelerate the transition to openness of research information

- We recognize the importance of sharing experiences and coordinating action to promote a system-wide transition from closed to open research information.
- To facilitate this, we support establishing a Coalition for Open Research Information and strengthening collaboration with other related initiatives and organizations.



# Paris Conference

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- Provide a forum for sharing experiences and good practices
- Develop a joint roadmap for open research information.

September 23-24, 2024  
Sorbonne University





# Barcelona Declaration

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Signatories and supporters

# Barcelona Declaration - Signatories by country

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## Universities and other research performing organizations (45)

- Spain: 12
- France: 9
- Netherlands: 5
- Germany: 4
- Italy: 3
- Portugal: 3
- Colombia: 2
- Czech Republic: 1
- Finland: 1
- Greece: 1
- Slovenia: 1
- Sweden: 1
- Turkey: 1
- international: 1

## Research funding organizations and governments (11)

- France: 3
- Netherlands: 2
- Spain: 2
- Argentina: 1
- Austria: 1
- Italy: 1
- US: 1

## Other organizations (14)

- international: 4
- Ukraine: 2
- Brazil: 2
- Denmark: 1
- Finland: 1
- Germany: 1
- Spain: 1
- UK: 1
- US: 1

# Barcelona Declaration - Signatories

## BARCELONA DECLARATION ON OPEN RESEARCH INFORMATION



"CLACSO-FOLEC firmly advocates for research assessment methodologies that take advantage of the multiplicity of formats, languages and distribution channels of scientific knowledge. To this end we support the use of data that reflect both the production disseminated in international repositories and that which is hosted in regional and local databases."

**Karina Batthyány**  
Executive Director CLACSO

## BARCELONA DECLARATION ON OPEN RESEARCH INFORMATION



"The declaration is fully aligned with the 2021 European Council Conclusions, which were released under French Presidency. The Council conclusions indeed state that 'data and bibliographic databases used for research assessment should, in principle, be openly accessible and that tools and technical systems should enable transparency'. It is also very well aligned with the 2016 French Law that is commonly referred to as 'Digital Republic Law'."

**Marin Dacos**  
French Coordinator for Open Science

## BARCELONA DECLARATION ON OPEN RESEARCH INFORMATION



"Sorbonne University has strongly supported the move toward open science for many years and the implementation of open research practices and principles in all their dimensions within its community. Beyond its benefits for researchers and research institutions, this next step towards open research information is also a civic engagement for a more open, responsible and trustworthy university."

**Nathalie Drach-Temam**  
President, Sorbonne University

## BARCELONA DECLARATION ON OPEN RESEARCH INFORMATION



"We want research information that is easy to understand, handle, and analyse, while ensuring our analyses maintain transparency and reproducibility. Thankfully, we now have the necessary tools, processes, and determination to turn this vision into reality."

**Paola Galimberti**  
Director of the Open Science Policy Division, University of Milan

## BARCELONA DECLARATION ON OPEN RESEARCH INFORMATION



"Transparency and rigour are core to UKRN's mission. This is as important for research information as it is for research, and so we will actively support the aims of the Barcelona Declaration."

**Marcus Munafò**  
Chair of the UK Reproducibility Network Supervisory Board

## BARCELONA DECLARATION ON OPEN RESEARCH INFORMATION



"With Open Research Information we may review and access Open Science contributions in an open way. Indeed, we may make all our research assessment transparent and FAIR - Findable, Accessible, Interoperable, and Reusable - with Open Access and without any restrictions on how the Open Research Information is used and shared."

**Mogens Sandfær**  
Head of National Open Research Analytics, Denmark

# Barcelona Declaration - Supporters



# Barcelona Declaration - Supporters





# Next steps

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# How to support the Barcelona Declaration

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Are you an **organization involved in carrying out, funding or evaluating research** and do you wish to sign up to the commitments in the Barcelona Declaration?

→ Sign the Declaration by sending us an email at **[contact@barcelona-declaration.org](mailto:contact@barcelona-declaration.org)**

Are you an **organization providing data, services or infrastructure** and do you wish to support for the Barcelona Declaration?

→ Express your support for the Declaration by sending us an email at **[contact@barcelona-declaration.org](mailto:contact@barcelona-declaration.org)**

See you in Paris!



# BARCELONA DECLARATION ON OPEN RESEARCH INFORMATION

[www.barcelona-declaration.org](http://www.barcelona-declaration.org)

The Barcelona Declaration on Open Research Information was prepared by a group of over 25 research information experts, representing organizations that carry out, fund, and evaluate research, as well as organizations that provide research information infrastructures. The group met in Barcelona in November 2023 in a workshop hosted by SIRIS Foundation. The preparation of the Declaration was coordinated by Bianca Kramer (Sesame Open Science), Cameron Neylon (Curtin Open Knowledge Initiative, Curtin University), and Ludo Waltman (Centre for Science and Technology Studies, Leiden University). Organizations that would like to know more about the Declaration or that wish to sign the Declaration are welcome to reach out to [contact@barcelona-declaration.org](mailto:contact@barcelona-declaration.org)