

Making research assessment more responsible

*The need for openness of research
information*

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Research Evaluation: State of the Art and Future Scenarios

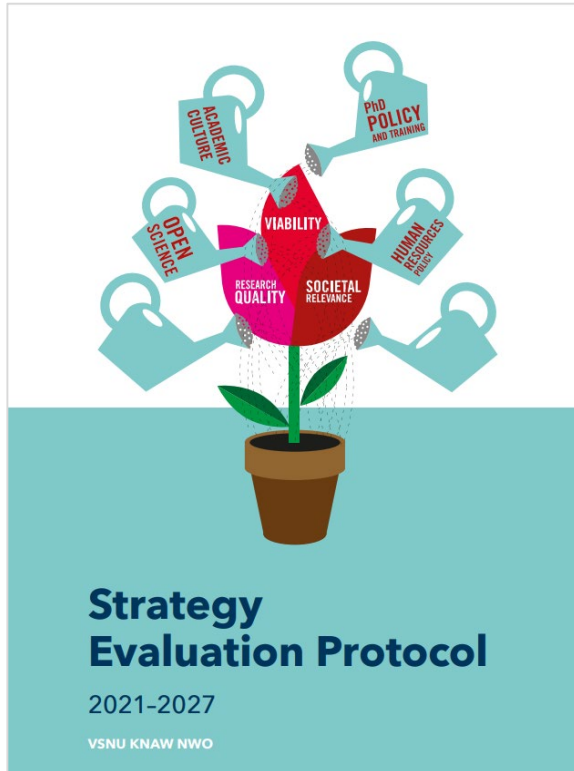
9 May 2024

Assessment reform in the Netherlands



Image adapted from Barcelona Cases Rocamora by Ludvig14, CC-BY-SA 3.0

Strategy Evaluation Protocol



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- Protocol for evaluation of research units (e.g., university departments) in the Netherlands
- Once every six years
- Strong focus on formative assessment
- No link to research funding
- Evaluation starts from strategy of the research unit
- Choice of indicators depends on strategy

Recognition and rewards

Room for everyone's talent

towards a new balance in the recognition and rewards of academics



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- Recognition and rewards for academics working at Dutch research organizations
- Diversification and vitalisation of career paths
- Assessment based on both individual and team performance
- Focus on quality over quantity
- Focus on open science
- Focus on academic leadership

University rankings



- University rankings are incompatible with research assessment reform
- Culture change in the stance of Dutch universities toward university rankings
- Culture change strategy at three levels:
 - Level of individual universities (short term)
 - National level (medium term)
 - International level (longer term)
- Strong focus on transparency



The need for open research information

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.

Coalition for Advancing Research Assessment



2. Base research assessment primarily on qualitative evaluation for which peer review is central, supported by responsible use of quantitative indicators

Purpose: This commitment will enable the move towards research assessment criteria that focus primarily on quality, while recognising that responsible use of quantitative indicators can support assessment where meaningful and relevant, which is context dependent.

The need for open research information

Responsible research assessment requires qualitative approaches (peer review) to be supported by quantitative evidence (scientometric indicators)

To integrate qualitative and quantitative approaches to research evaluation, evaluators and those being evaluated should have full access to all relevant information



Barcelona Declaration

Image adapted from Barcelona Cases Rocamora by Ludvig14, CC-BY-SA 3.0

Barcelona Declaration

- 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 60 organizations worldwide** have already signed the Declaration, including **University of Bologna and University of Milan** ; lots of conversations are ongoing

Barcelona Declaration - Commitments

As organizations that carry out, fund, and evaluate research, we commit to the following:



1

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

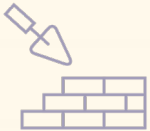


2

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

Barcelona Declaration - Commitments

As organizations that carry out, fund, and evaluate research, we commit to the following:



3

We will support the sustainability of infrastructures for open research information



4

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

Barcelona Declaration - Signatories by country

Universities and other research performing organizations

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

Research funding organizations and governments

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

Other organizations

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

Barcelona Declaration - Signatories

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“ 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

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Barcelona Declaration - Supporters



OpenCitations supports the Barcelona Declaration on Open Research Information for a fundamental transformation in the research information landscape

How to support the Barcelona Declaration

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**



Moving toward open research information

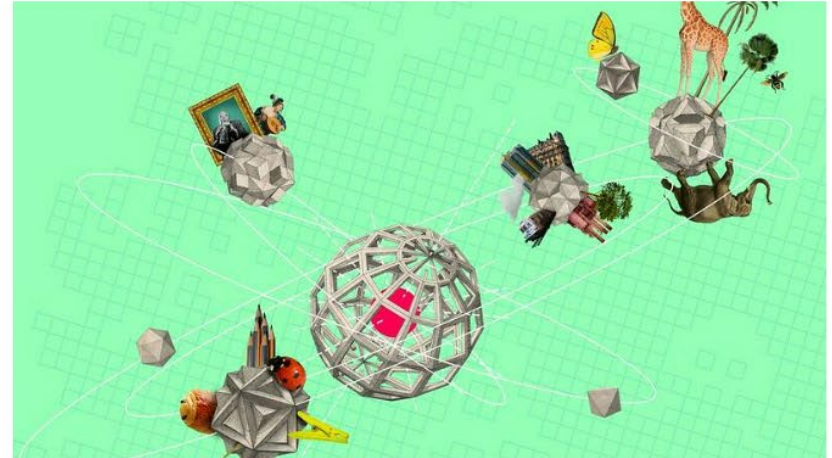
Moving toward open research information

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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Moving toward open research information

The CNRS has unsubscribed from the Scopus publications database

January 11, 2024

RESEARCH

The CNRS committed to open science several years ago and of course this includes publication databases for which sustainable open solutions need to be found. The organisation has taken an important step forward as regards this commitment with our decision to unsubscribe from Elsevier's Scopus bibliographic database on December 31st 2023. In fact the CNRS will stop using commercial bibliographic databases altogether as soon as open solutions are sufficiently mature. In the meantime the institution is continuing to subscribe to Clarivate Analytics' Web of Science.

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MINISTÈRE
DE L'ENSEIGNEMENT
SUPÉRIEUR
ET DE LA RECHERCHE

*Liberté
Égalité
Fraternité*

**French Ministry of Higher
Education and Research
partners with OpenAlex to
develop a fully open
bibliographic tool**

Moving toward open research information

Leiden Madtrics

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Header image: Jonas Jacobsson

Toward open research information - Introducing the Information & Openness focal area at CWTS

📅 January 18, 2024 • 📁 CWTS development • ⌚ 5 min read

The Information & Openness focal area at CWTS studies and promotes openness of research information. In this blog post, we present our agenda for the coming five years.

“Within the next few years, we want our work at CWTS ... to be fully based on open research information. In particular, our aim is that future scientometric analyses performed by our center will use only data from open sources”

CWTS Leiden Ranking Open Edition

CWTS Leiden Ranking Open Edition 2023

Time period, field, and region/country

Time period: 2018–2021

Field: All sciences

Region/country: World

Min. publication output: 100

Indicators

Type of indicators: Scientific impact

Indicators: P, P(top 10%), PP(top 10%)

Order by: P

Calculate impact indicators using fractional counting

University	P	P(top 10%)	PP(top 10%)
1 Harvard Univ	42433	8436	19.9%
2 Shanghai Jiao Tong Univ	31433	4010	12.8%
3 Zhejiang Univ	28226	3917	13.9%
4 Univ Toronto	27881	3762	13.5%
5 Sichuan Univ	25150	2750	10.9%
6 Univ Michigan	24042	3431	14.3%
7 Cent S Univ	23814	3101	13.0%
8 Tsinghua Univ	23751	3751	15.8%
9 Sun Yat-sen Univ	23679	2929	12.4%
10 Johns Hopkins Univ	22691	3305	14.6%

Based on data from



OpenAlex



Opportunities for Italian organizations

Opportunities for Italian organizations

Join the international conversation about **research assessment reform**

Combine **qualitative and quantitative approaches** to research assessment

Make sure the information used in research assessments is **fully open**

Sign the **Barcelona Declaration on Open Research Information**

Thank you for your attention!

To sign the Barcelona Declaration, send an email to
contact@barcelona-declaration.org