

Embedding research software in scholarly publishing

NWO perspective

CHORUS/Research Software Alliance event

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About me



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ZonMw and NWO commit to sustainable research software

24 January 2024

NWO and ZonMw have signed the Amsterdam Declaration on Funding Research Software Sustainability. By doing so, the research funders confirm their commitment to include research software in their open science policies and to strengthen cooperation with other organisations in this area.



As funders, we recognise the ever-increasing importance of software in the research process ”

Arfan Ikram, chairman of ZonMw and member NWO's Executive Board

<https://www.nwo.nl/en/news/zonmw-and-nwo-commit-to-sustainable-research-software>



Member of ReSA since 2023



Also (bronze) member of



Software Heritage

“NWO recognises research software as a first-class research output. By joining Software Heritage, we are strengthening our commitment to sustainable research software. Software Heritage’s unique mission to collect, preserve, and share software source code aligns with our vision of making all research outputs, including software, accessible, reusable, and verifiable, fostering reproducibility of research practices and promoting open science.”

— Hans de Jonge, director of Open Science NL, Dutch Research Council (NWO)



Sharing research data and software: how are NWO and ZonMw funded projects doing?

10 February 2025

Research data and software resulting from NWO and ZonMw funding should be shared as openly as possible. But to what extent does this actually happen? A report published today sheds light, for the first time, on compliance with the research data management policy.



The main findings of the report for publications from 2023 are:

- 44% of studied publications contain a data availability statement.
- 20% of publications mention data sharing.
- 16% of publications contain a formal citation to datasets.
- 3% of publications mention software sharing.

There is room for improvement

<https://www.nwo.nl/en/news/sharing-research-data-and-software-how-are-nwo-and-zonmw-funded-projects-doing>

NWO Research Data Management policy is being revised:

- Scope: open science more broadly
- Output management plans (e.g. Software Management Plans), instead of DMPs
- Better reporting of published data and software
- Specific focus on data and software underpinning publications
 - Is data and software properly cited?
 - Is there an availability statement in a publication?
 - Are data and software available?

Examples of scholarly publishing infrastructures which received financial support from NWO or OpenScienceNL

CODECHECKing goes NL - strengthening open science through reproducible publications in the Netherlands (CHECK-NL)

Development of an open science monitor for the Netherlands underway

16 October 2025

The development of a national open science monitor for the Netherlands has officially started with a project meeting held in Leiden on 9 October. With funding from Open



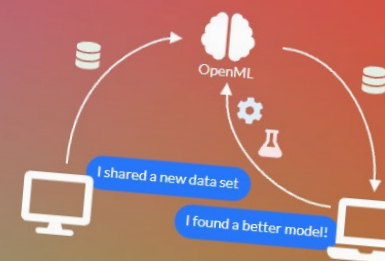
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OpenML

A worldwide machine learning lab

Machine learning research should be easily accessible and reusable. OpenML is an open platform for sharing datasets, algorithms, and experiments - to learn how to learn better, together.



Thank you

Questions?

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