



A funder's perspective on DMPs

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NWO - Dutch Research Council

The main research funder in the Netherlands. Funds scientific research at Dutch public research institutions.



A decorative graphic in the top-left corner consisting of a network of interconnected nodes and lines, with some nodes highlighted in blue and others in grey.

€964 million

Total expenditure in research funding in 2019

7,203

Research projects initiated in 2019

1898

Awards in 2019 - people, projects, infrastructure



1.

Data Management Plans

Cornerstone of NWO's RDM Policy
since 2016

Open / FAIR data since 2016

Research data resulting from NWO-funded projects should be made available for reuse

- ⦿ “As open as possible, closed if necessary”
- ⦿ Findable, Accessible, Interoperable, Reusable

<https://www.nwo.nl/en/research-data-management>

RDM Policy: two pronged approach

Data Management Section

Four questions in grant application forms to encourage researchers to think about research data management at the proposal stage.

Not (yet) included in grant assessment.

Data Management Plan

Required for all awarded projects. To be submitted no later than 4 months after the project has been awarded. The project will start as soon as NWO has approved the DMP.

International alignment of Research Data Management

NWO championed the alignment of RDM policies among research funders in Europe.

NWO was one of the first organisations to implement the Science Europe core requirements for DMPs and actively promotes these requirements to other stakeholders.



A decorative network diagram in the top-left corner, consisting of various sized grey circles (nodes) connected by thin grey lines (edges). Some nodes are solid grey, while others are hollow with a grey outline. The network is dense and irregular, extending from the top-left towards the center of the page.

2.

Challenges and opportunities

What is the level of compliance with our policy?

Open

How many published datasets underlie publications funded by NWO?

FAIR

When datasets cannot be shared under an open license, is metadata made publicly available?

Repositories

Where are datasets/metadata deposited and deposited? Are these trustworthy repositories with PID provision, licenses, long-term preservation of data and metadata?

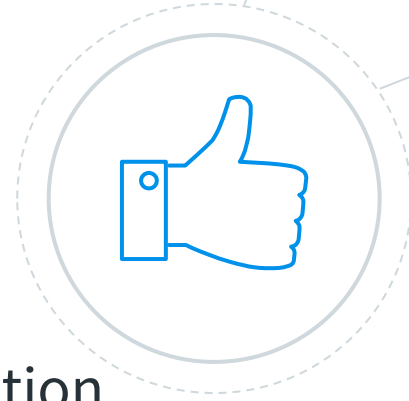
NWO Persistent Identifier Strategy

To improve the capacity for analyzing the impact of the research we fund, NWO will implement ORCID, ROR and Grant-Ids in the next few years.

<https://doi.org/10.5281/zenodo.4695367>



maDMPs



Promise to allow the exchange of information across research tools and systems, which in turn will enable parts of the DMP to be automatically generated and shared.



“

Individual DMPs would act as a hub to project-level research outputs, and aggregations of DMPs as hubs to research more generally, including to planned or ongoing research and to research infrastructure.

Ten principles for machine-actionable data management plans <https://doi.org/10.1371/journal.pcbi.1006750>



**Should funders encourage /
require DMPs to be made
publicly available?**



Thanks!

Any questions?

You can find me at:

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Credits

Special thanks to all the people who made and released these awesome resources for free:

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