

Research Data Management

Data Management Planning online tool for grant writing







OPEN DATA IN A BIG DATA WORLD

AN INTERNATIONAL ACCORD

This accord is presented as an outcome of “Science International 2015”, the first of a series of annual meetings of four top-level representatives of international science (the International Council for Science - ICSU, the InterAcademy Partnership - IAP, The World Academy of Sciences - TWAS and the International Social Science Council - ISSC) that are designed to represent the global scientific community in the international policy for science arena.

The accord identifies the opportunities and challenges of the data revolution as today’s predominant issues for global science policy. It proposes fundamental principles that should be adopted in responding to them. It adds the distinctive voice of the scientific community to those of governments and inter-governmental bodies that have made the case for open data as a fundamental pre-requisite in maintaining the rigour of scientific inquiry and maximising public benefit from the data revolution in both developed and developing countries.

Funder mandates for data validation



SCIENTIFIC DATA



UCT Research Data Management : policy drivers

① Research opportunities in re-use

② Funder mandated validation

③ Collaboration

④ Global challenges

⑤ Limits on Openness

Strategy

- UCT Strategic Planning Framework 2016 – 2019
 - Promote the storage and analysis of big data and eResearch

Policy

- Open Access Policy 2013
- Research Data Management Policy 2016

Governance

- Ethics in Research Committee
- Research Data Management Governance Committee

- Publicly funded research data are a public good, which should be made openly available with as few restrictions as possible in a timely and responsible manner.
- Published research results should include information on how to access the supporting data.
- To ensure that the research process is not damaged by premature release of data, associated policies, guidelines and practices ensure that legal, ethical and commercial constraints are considered at all stages in the research process.
- It is appropriate to use public funds to support the management and sharing of publicly-funded research data.



- The data that directly support or *substantiate published research findings*. Such data are required for validation, and should be made available concurrently with the research publication.
- Significant data created by the research project, but which may not directly underpin published research findings. Such data should be made available within the time period indicated by normal practice in the discipline, but the *embargo period* should not exceed two years from the date of project completion.

A *data management plan* should be included in the project proposal, to describe the most significant and potentially valuable data assets to be generated.

New on DMPonline: European Union Horizon 2020 template



Signed in as Dale Peters ▾

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Roadmap

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Please select from the following drop-downs so we can determine what questions to ask you.

If you aren't responding to specific requirements from a funder or an institution, please select 'None of the above' from the drop-downs.

If applying for funding, select your research funder.

Otherwise leave blank.

Funder
European Union (Horizon 2020)
Medical Research Council (MRC-UK)
NSF-Biological Sciences
Natural Environmental Research Council (NERC)
Funder

[Not applicable/not listed.](#)



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Research Data Management



Our RDM services assist researchers with organising, managing, curating and sharing their research data, to facilitate its preservation and access for present and future use. Together with [UCT eResearch](#) and [ICTS](#), we give you access to the datasets and