

4OPENSCIENCE:

A FRAMEWORK TO EVALUATE THE POSITIVE AND NEGATIVE EFFECTS OF DUTCH UNIVERSITIES' OPEN SCIENCE PROGRAMS.

While many universities have implemented Open Science principles in their institutions, the evaluation of universities' Open Science programs barely receives attention in the scientific literature.

4OpenScience is a project that will develop an innovative evaluation framework to identify the positive and negative effects of Open Science Programs of Dutch universities. It will provide a standard to evaluate whether individual universities' Open Science programs result in the desired effects or not.

**OPEN SCIENCE:
JUST
SCIENCE
DONE RIGHT**

The objective is to portray the diverse landscape of OS implementation practices by bringing to light both the positive outcomes and the less desired effects of OS.

Instead of taking a practical, operational perspective on the fine-grained tasks of librarians and ICT support in carrying out Open Science programs, the project takes an overarching, theory-driven perspective. The approach is to integrate measurable OS indicators (e.g. number of open access publications) developed by universities with qualitative observations (e.g. difficulties or diverse strategies in adopting OS practices by researchers).

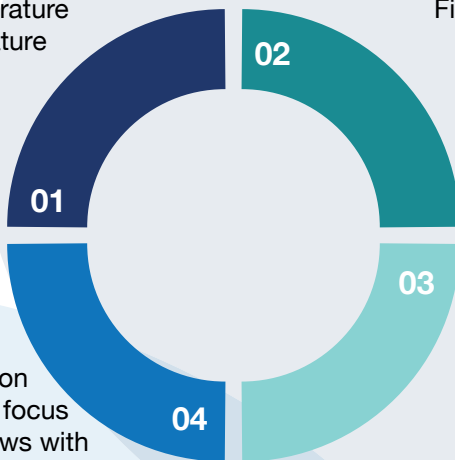


Phase 1

Definition of the literature approach and literature review

Phase 2

First draft of the Open Science Evaluation Framework



Phase 3

Testing the evaluation framework through focus groups and interviews with the open Science program Experts from at least eight Dutch Universities.

Phase 4

Refinement and further development of the evaluation framework and publishing of the outcome

The application of the evaluation framework will enable scientists to advise academic librarians, ICT developers, Open Science policy-makers, and funding agencies on how to create more effective Open Science programs, allowing practitioners to make more informed decisions.

Do you want to share your experience concerning OS programs or receive updates on the project? Please contact f.morselli@tudelft.nl or check the Open Data Research Lab website (<https://www.tudelft.nl/tbm/open-data-research-lab>) for regular updates.



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