Data Papers are Witness to Trusted Resources in Grey Literature: Driving Access to Data thru Public Awareness

Dominic Farace and Jerry Frantzen
GreyNet International, Netherlands

GreyNet

Plato L. Smith II
University of Florida Libraries, United States

UF | George A. Smathers Libraries

Nineteenth International Conference on Grey Literature
National Research Council of Italy, Rome – October 23-24, 2017

Definition | Data Paper

Scholarly publications of a searchable metadata document describing a particular online accessible dataset or a group of datasets published in accordance to standard academic practices. As such, data papers represent a scholarly communication approach to data sharing (wikipedia.org).

Background | Data Paper Project

Enhanced publications "A publication that is enhanced with three categories of information: research data, extra materials, and post-publication data". ([DRIVER-II](#))

Enhanced publications combine textual resources *i.e.* documents intended to be read by human beings, which contain an interpretation or analysis of primary data.

Enhanced publications inherently contribute to the review process of grey literature as well as the replication of research and improved visibility of research results in the scholarly communication chain.

driver

2011
Survey

Author/
Researcher
'Attitudes on
Sharing Data'

2012 …
Linking Data

Data Acquisition,
Published Datasets,
Workflow, and
Linking Data

2017
Data Paper

Template,
Acquisition,
Publication,
and Training

Template | Data Paper

The template for this project is based on a compilation derived from 3 existing templates:

The template consists of five main sections:

1. Overview
2. Methods
3. Dataset Description
4. Potential Reuse
5. References

Population | Data Papers Project

GreyNet Data Collection

DANS
Data Archiving and Networked Services

Data Papers
GreyNet

In 2012, GreyNet's 1st dataset was entered in the DANS Archive

GreyNet now has a collection of **30 datasets** in

Review Process | Data Papers

1. Submissions are first checked against the standardized   template. The author(s) may be asked to provide additional information.

2. The (revised) data paper is then sent to the
   Data Management Librarian for review.

3. Once reviewed the data paper is entered in the DANS   Archive as a preprint, where it is CC0 licensed and shares   in the DSA, Data Seal of Approval.

4. As such the Data Paper implements FAIR Principles:

   Findable, **A**ccessible, **I**nteroperable, **R**eusable

Publication | Data Papers

The data paper is first published as a **preprint** alongside its cor
dataset in the DANS Archive. There it is preserved and remains   ple
via a license.

The data paper is then scheduled for republication in TGJ,
The Grey Journal (ISSN 1574-1796), where it receives coverage through multiple
A&I Services and is available in full-text via the EBSCO LISTA-FT database.

Results | Data Papers Project

Since the initial request to **15** first authors responsible for GreyNet's Collection of published datasets in the DANS Archive, results to date show:

- The Data Paper Template complied and edited for this Project has proven to be efficient.

- **Six** authors have indicated an interest in drafting a Data Paper, **five** of which are now published in DANS and **two** in TGJ.

- Data Papers are now listed as a new GL Document Type appearing in the **Grey**_Source_ _index._

- Data Papers lend added support to the ***Pisa Declaration on Policy Development for Grey Literature Resources.***

Spin-Off | Data Papers Project

The Grey Journal
Authors, who have published in The Grey Journal outside of the GL-Conference Series and whose data is not in the DANS Archive, have indicated a willingness to submit their data and complete a Data Paper.

GreyForum Series
"Data Papers, A Trusted Tool in Research and Data Sharing"

This workshop and training is being developed and will be offered to information professionals. The emphasis lies in raising awareness to data access and its potential reuse for science and society via Data Papers.

Follow Up | Data Papers Project

GreyNet Workflow

User Statistics

Data Citations and References

Author Feedback

On behalf of the Project Team

Thank You

And, we hope to hear from you soon!

info@greynet.org

GreyNet
Grey Literature Network Service