

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

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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](https://en.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.



R&D | Data Collection

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: RDJ, JOHD, and JOPD

The template consists of five main sections:

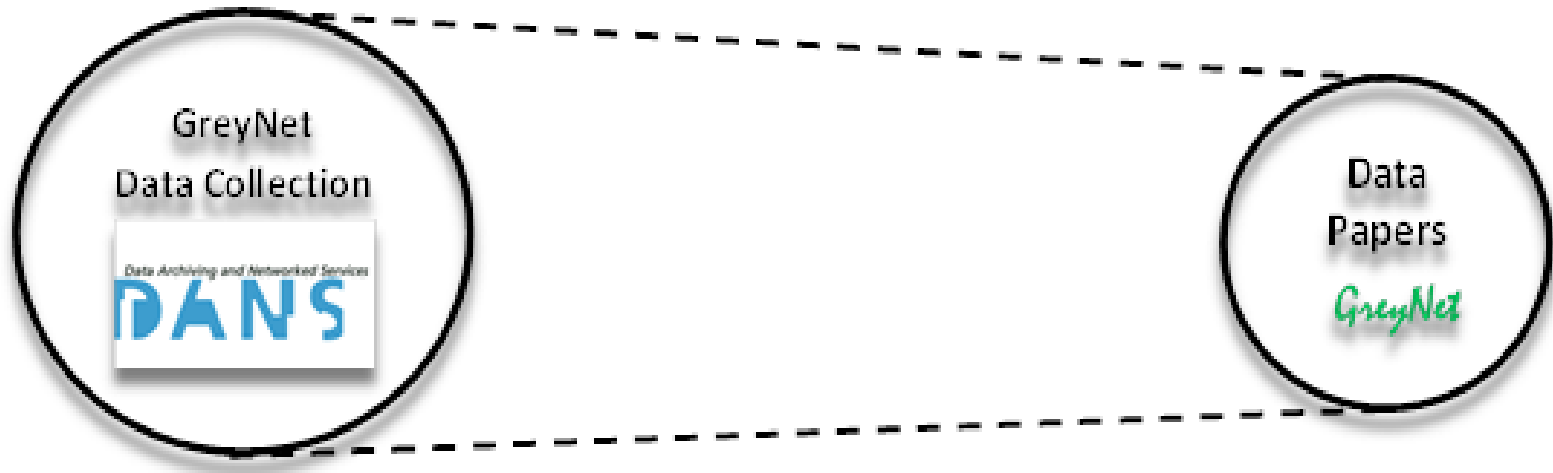
- 1 Overview
- 2 Methods
- 3 Dataset Description
- 4 Potential Reuse
- 5 References

The screenshot shows the 'Data Paper Template - Version 1.0' form. It includes a header with the Greynet logo and the title 'DATA PAPER'. The form is divided into five main sections, each with a numbered heading and a brief instruction:

- 1 Overview**: The title of the data paper should focus on the data. Since your data is clearly linked to a specific research paper, precede the title of your paper with 'Data from "followed by the title of your paper"'.
Title: [Text input field]
- Repository Location:** A link to the repository home page and a DOI (or other persistent identifier) that links directly to the dataset.
Repository Location: [Text input field]
- Data Paper Authors/Contributors, Affiliations, and Roles:**
1. First name, Last name:
• Author/Contributor unique ID (e.g., ORCID, ResearcherID)
• Organizational Affiliation:
• Author's Role(s): Project Administration / Dataset Creator / Visualization / Draft Text / Review & Editing
2. ...
3. ...
- Abstract:** A short (ca. 100 words) summary of the dataset being described: what the data covers, how it was collected, how it is stored, and a short description of its potential reuse.
Abstract: [Text input field]
- Keywords:** A maximum of four keywords is allotted. Each keyword is separated by a semicolon followed by a space.
Keywords: [Text input field]
- Subject Area:** Discipline or Community of Practice (e.g., Medicine, Engineering, Physics, etc.)
Subject Area: [Text input field]

The form ends with the Greynet logo and the text 'Data Science Research Network'.

Population | Data Papers Project



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

GreyNet now has a collection of **30 datasets** in Data Archiving and Networked Services **DANS**

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 corresponding dataset in the DANS Archive. There it is preserved and remains openly accessible 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.



Scopus



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 compiled 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 **GreySource** 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!

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GreyNet

Grey Literature Network Service