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Data Papers

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2018

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Data Papers: The Why and How

Grey Literature that implements FAIR Principles

Dominic Farace, **GreyNet International**

GreyForum 8.1 – October 23, 2018

National Library of Technology, NTK Prague CZ

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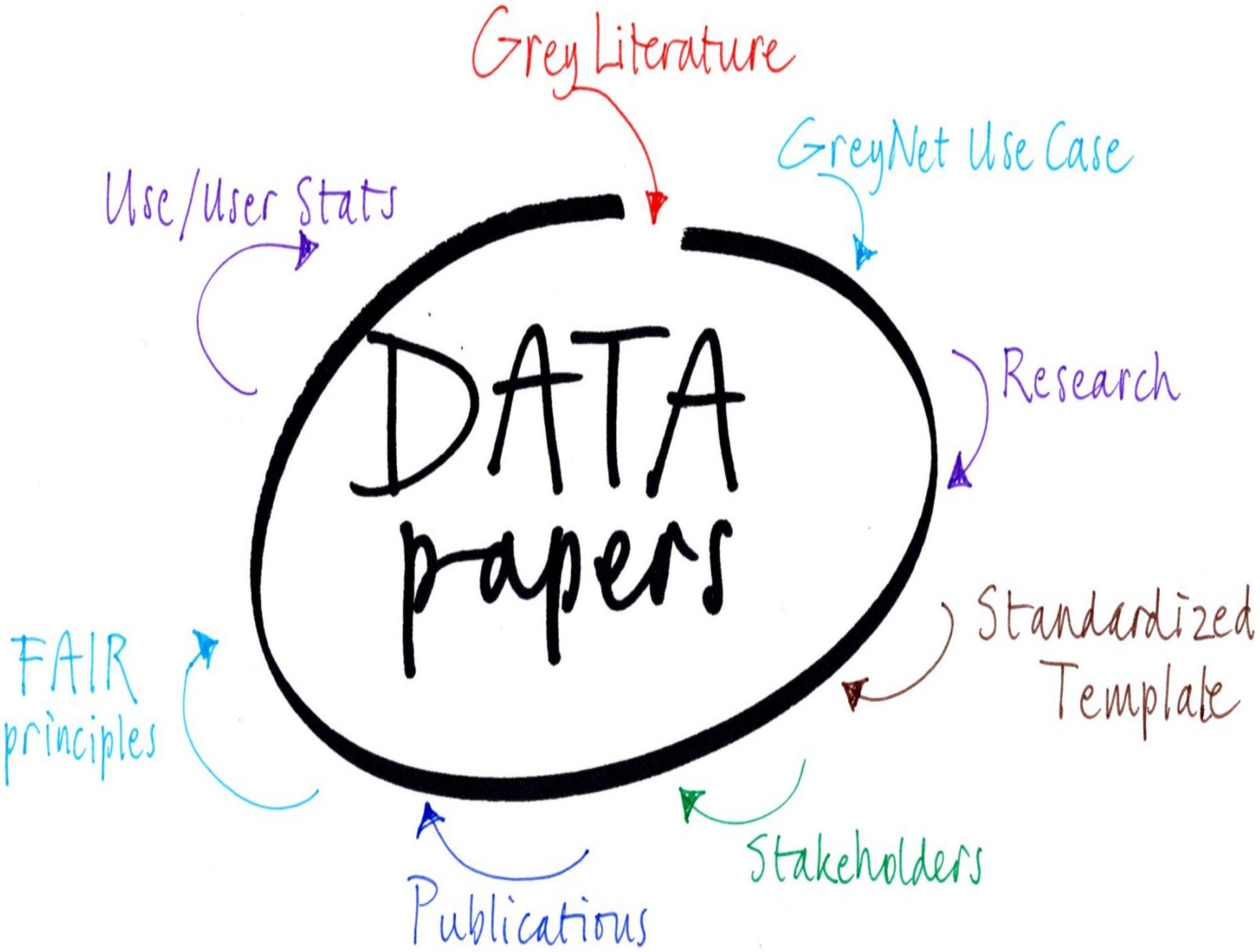
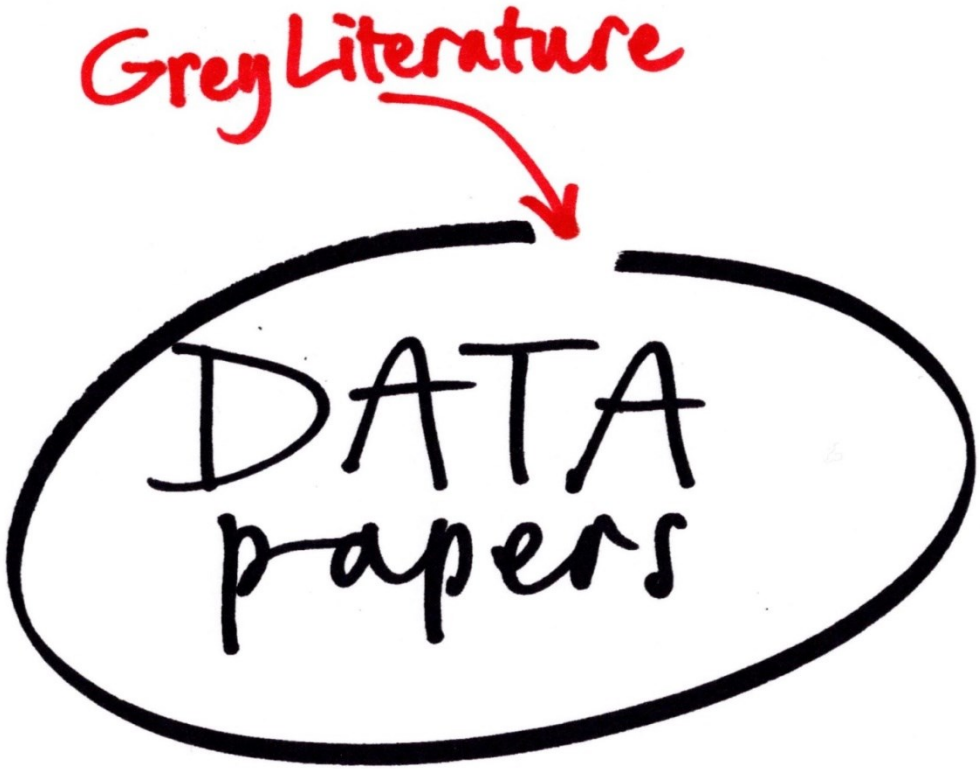
Scholarly publications of a searchable metadata document describing a particular online accessible dataset or a group of datasets published in accordance to standard academic practices. As such, data papers represent a scholarly communication approach to data sharing. www.wikipedia.org


Grey Literature
GreyNet Use Case
Use/User Stats
DATA papers
Research
Standardized Template
FAIR principles
Stakeholders
Publications



Grey Literature

- Definition
- Document Type
- Corporate Author (ORG)

{GL is reviewed, published, accessible, and preserved}

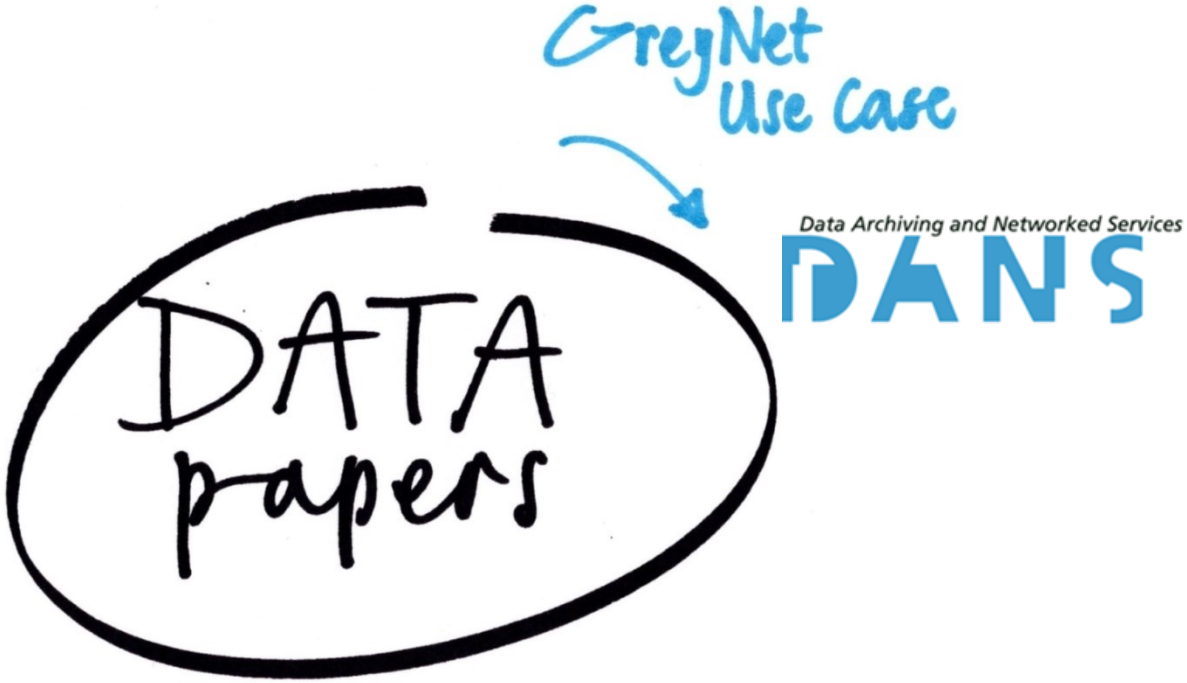
Background

driver

Enhanced Publications Project

”A publication that is enhanced with three categories of information: research data, extra materials, and post-publication data”.

Enhanced publications combine textual resources *i.e.* documents intended to be read by human beings, which contain an interpretation or analysis of primary data. They inherently contribute to the review process of grey literature as well as the replication of research and improved visibility of research results in scholarly communication chain.



GreyNet Use Case

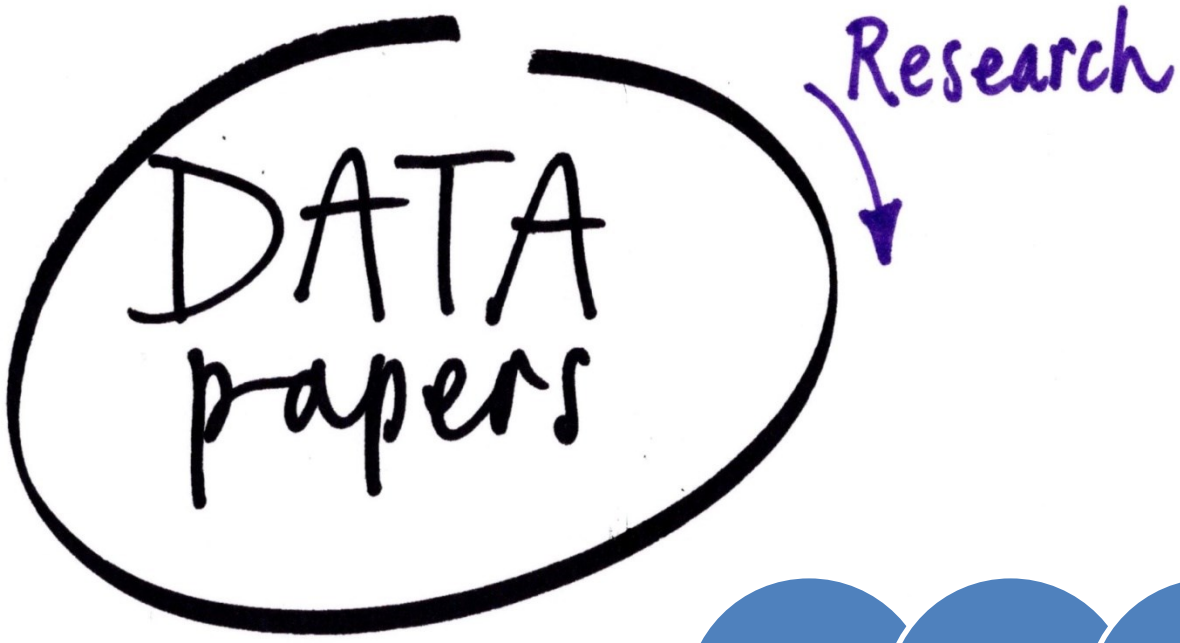
- Enhanced Publications Project
- Data Papers Project

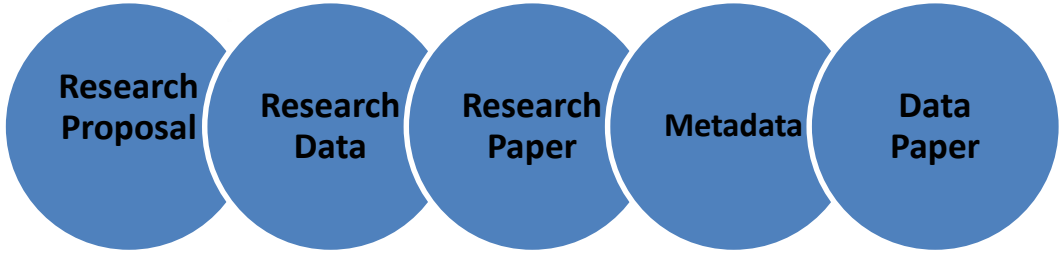
2011

2012 …

2017 …

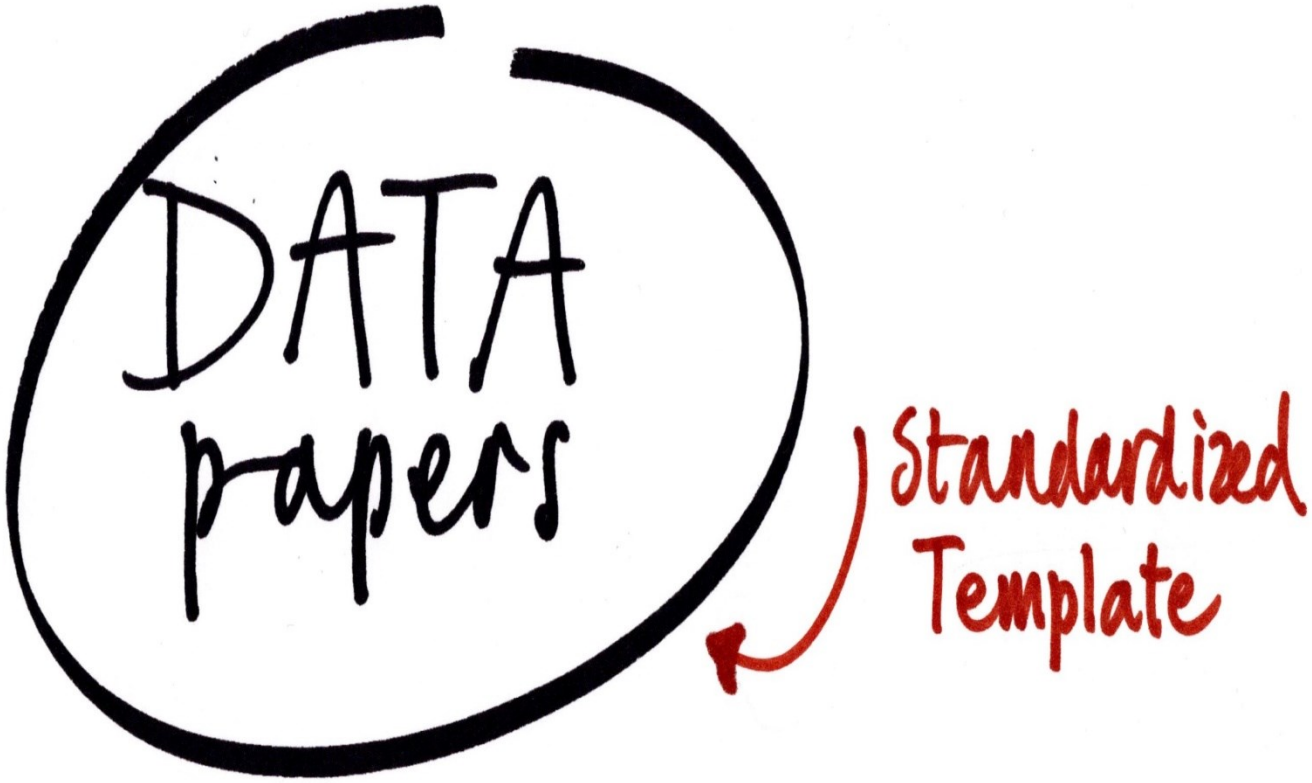
2017 …





Research

- Proposal • Research data • Research Paper
- Enriched metadata • Data Paper, …
- Research Data Policy



Standardized Template (Framework for Quality Control)

Linked metadata and fields (DOI, ORCiD, CC0, http, Etc.)

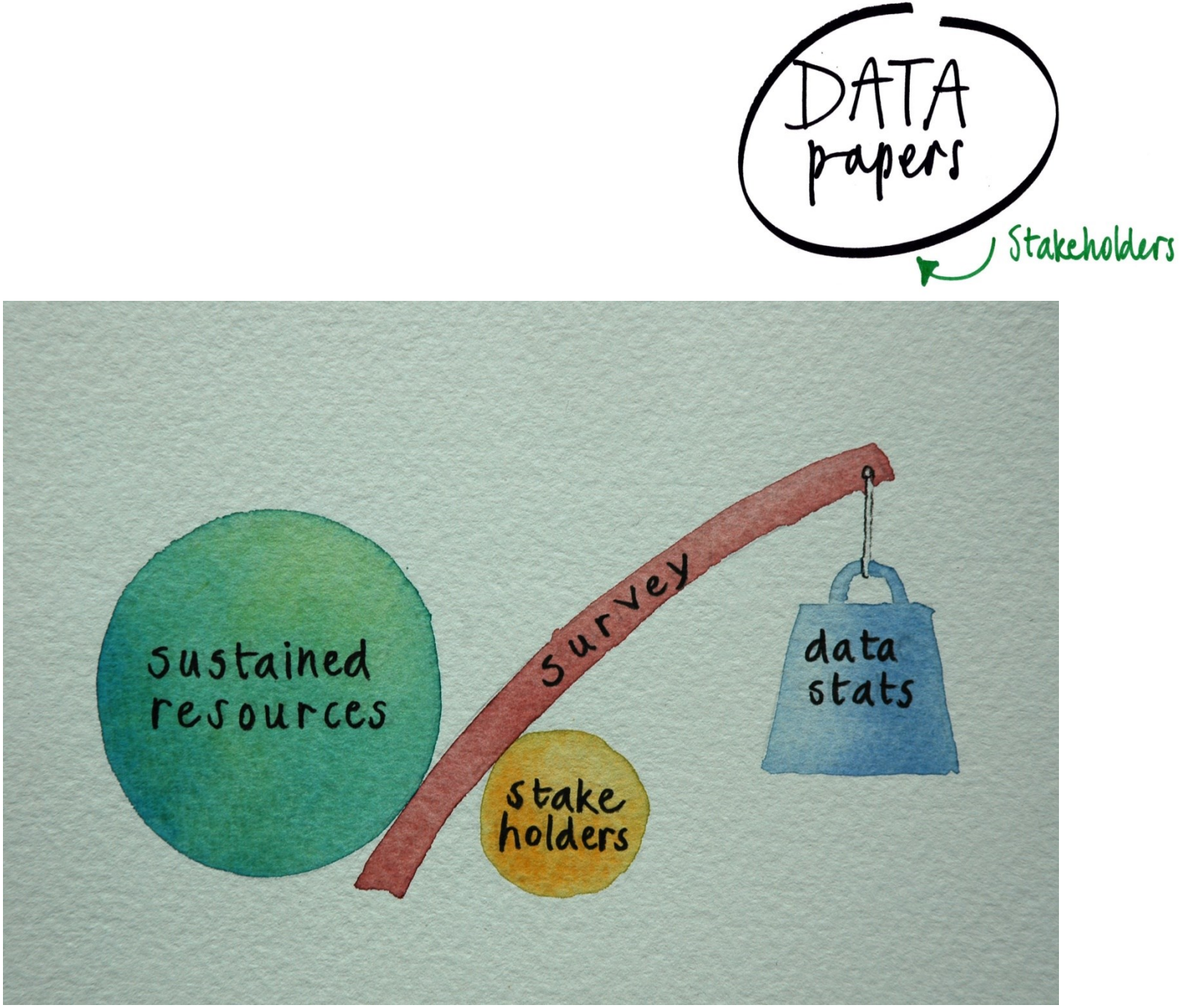
- **Overview**
- **Methods**
- **Dataset description**
- **Potential reuse**
- **References**

Stakeholders (perceived benefits for each):

- **Researchers**
- **Authors**
- **Publishers**
- **Editors**
- **Data management librarians**
- **Etc.**

GreyNet Sustained Resources

- **2003 Relaunch GreyNet.org**
- **2003 Relaunch International Conference Series on Grey Literature**
- **2004 GreyNet Annual Award**
- **2005 The Grey Journal (TGJ)**
- **2007 GreyNet Conference Preprints in OpenGrey Repository**
- **2009 GreyNet Workshop Series**
- **2010 GreyNet Social Media (LinkedIn and Twitter)**
- 2012 GreyNet Datasets in DANS Archive
- **2013 GreyGuide Repository**


DATA papers
Stakeholders
sustained resources
survey
stake holders
data stats

Publications

- Preprint
- Journal article
- Collection
- Series

Data Archiving and Networked Services DANS

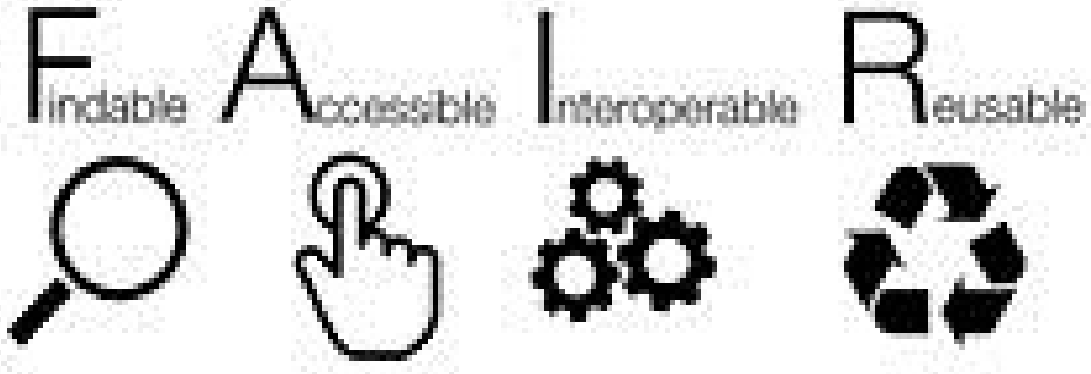
GreyGuide
Repository and Guide to Good Practices and Resources in Grey Literature

the grey Journal

EBSCO HOST

ELSEVIER Scopus

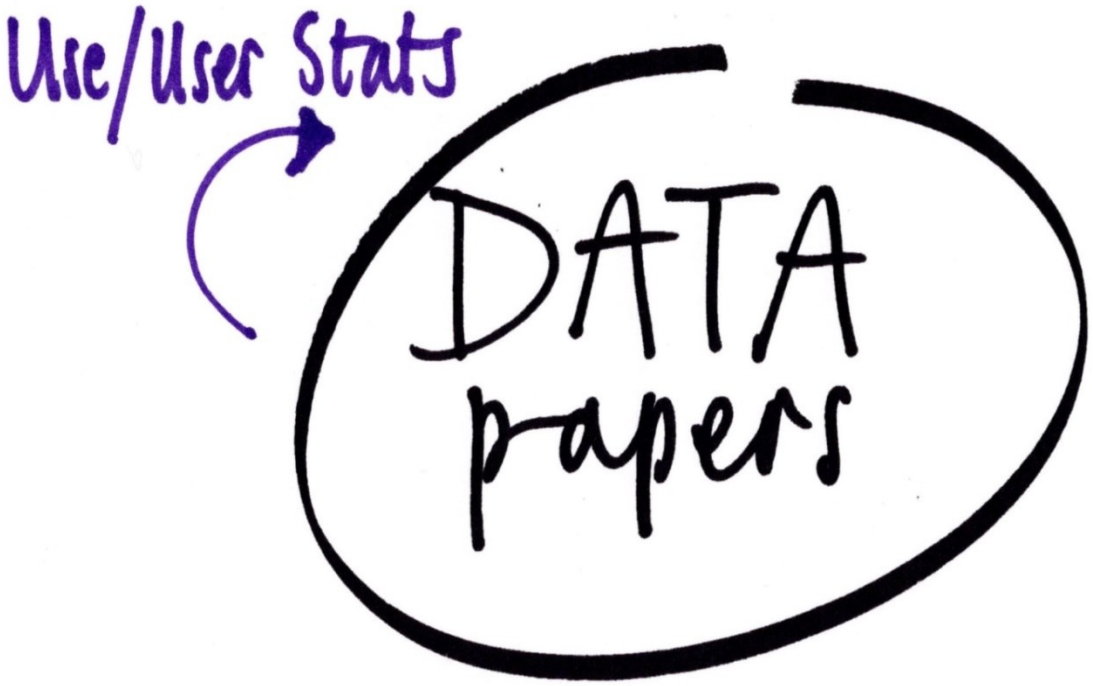
FAIR Principles → DATA papers



FAIR Principles:

- Findable
- Accessible
- Interoperable
- Reusable

Via portals, repositories, and data archives. Their enriched metadata becomes machine readable, shared, cited, replicable



Use/User Stats (*Types and Sources*)

- Citations
- References
- Downloads
- Feedback

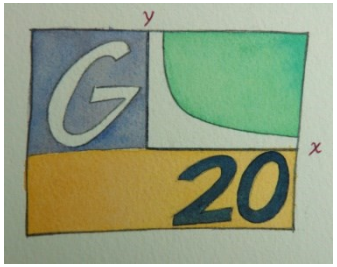
{GreyGuide, EBSCO, GreyNet, Workshops, etc.}

Project Follow-up

- Embedded in GreyNet's Workflow
- Expanded TGJ-wide
- Open to research data residing in **GL Posters**
- Education and Training

Thanks!

info@greynet.org



'Research Data Fuels and Sustains Grey Literature'
Loyola University New Orleans, USA • December 3-4, 2018