Linking full-text grey literature to underlying research and post-publication data:
An Enhanced Publications Project

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Definition

The definition of an **enhanced publication** is borrowed from the DRIVER-II project, "a publication that is enhanced with three categories of information: 1) research data, 2) extra materials, and 3) post-publication data". http://www.driver-repository.eu

Added Value

Enhanced publication inherently **contributes 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.
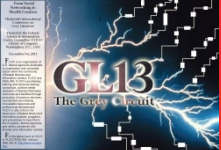
Enhanced Publications Project (EPP)

A Phased Approach

1. Project Proposal and Formation of the Team

2. Design of the Questionnaire and Author Survey

3. Criteria for Commentaries and selection of eligible conference preprints

4. Acquisition and Submission of research data

5. Data upload and cross-linking between OpenGrey and DANS

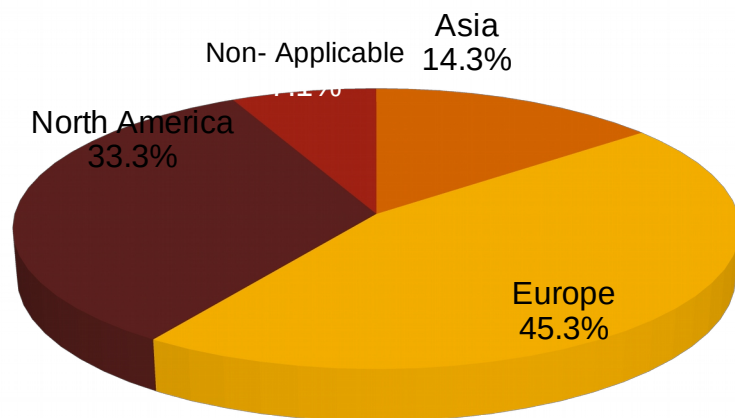6. Draft of enhanced publication guidelines and the design of a future workflow
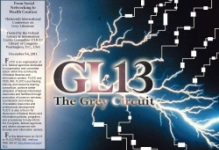
N	Number of (co)authors in the GL-Series	in the GL-Series	Number of EPP Survey Recipients	Number of EPP Survey Respondents
	286	162	95	50

Respondents by Geographic Area

Non- Applicable
Asia 14.3%
North America 33.3%
Europe 45.3%

N=42

Author Affiliation to GL series
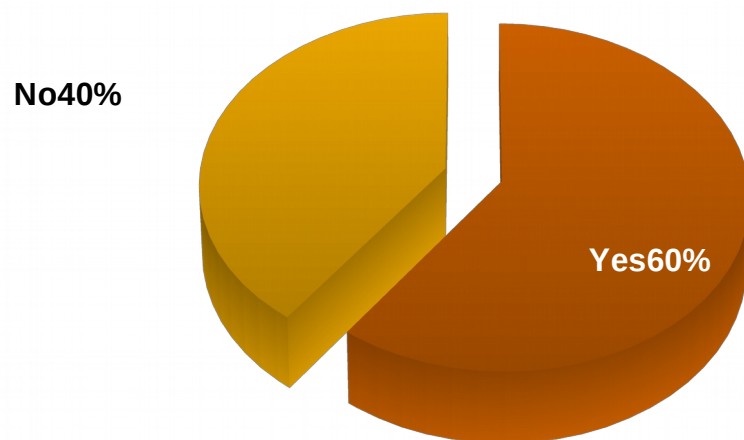

2 - 4 Years 16.7%
5 > Years 33.3%
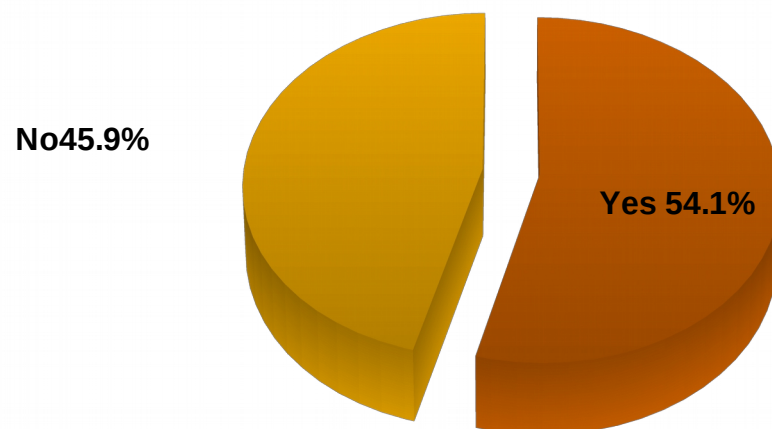< 1 Year 42.9%
NonApplicable 7.1%
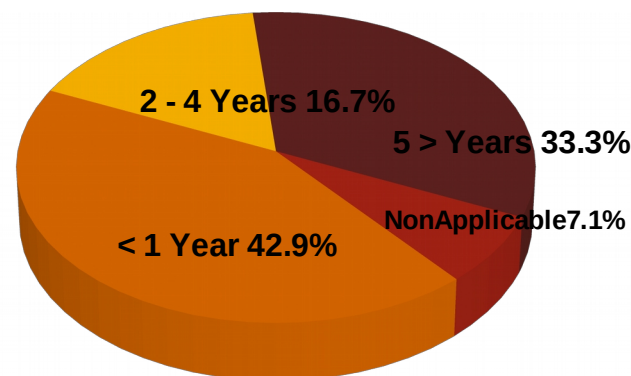
N=42

Data exchange is the norm in open access communities

1. Does one or more of your conference papers in the GL-Series base its findings on empirical or statistical data?

2. If so, would these data and/or datasets still be available in part or whole for archiving purposes?

No40%

Yes60%

N=50

No45.9%

Yes 54.1%

N=37

A data policy should be in place within research communities and organizations

3. Are you aware of any existing data archives or data initiatives in your country related to grey literature or other scientific publications?

4. If so, please provide the name(s) and corresponding URL(s) here?

Types of Responses

Yes
43.5%

No
56.5%

N=46

Non Applicable; 17%

**General; 11%**

Specific; 72%
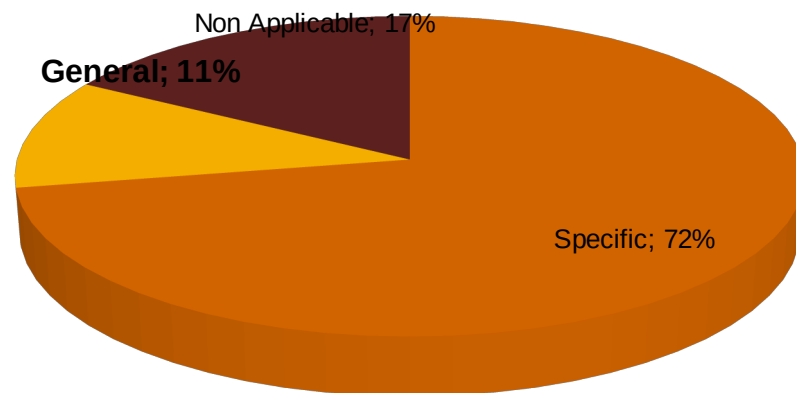
N=18

Data counts as Science Output and should be recognized in References and Citations

5. Would you be willing to submit data, datasets, or subsets to DANS that would in turn be linked to their existing metadata records in the OpenGrey Repository?

6. If so, would you prefer that GreyNet entered your retrospective data and/or datasets in DANS, or would you prefer to do this directly?
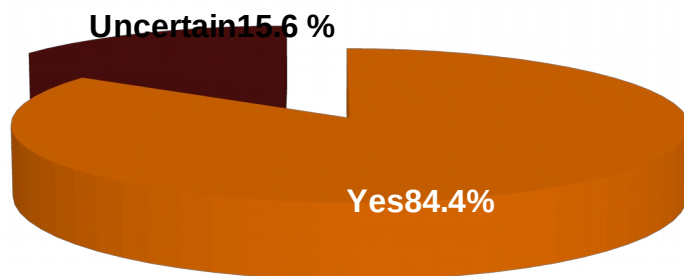

Uncertain 44.4%

Yes 48.9%

No 6.7%

N=45

No Preference 36.8%

GreyNet 44.7%

Author 18.4%
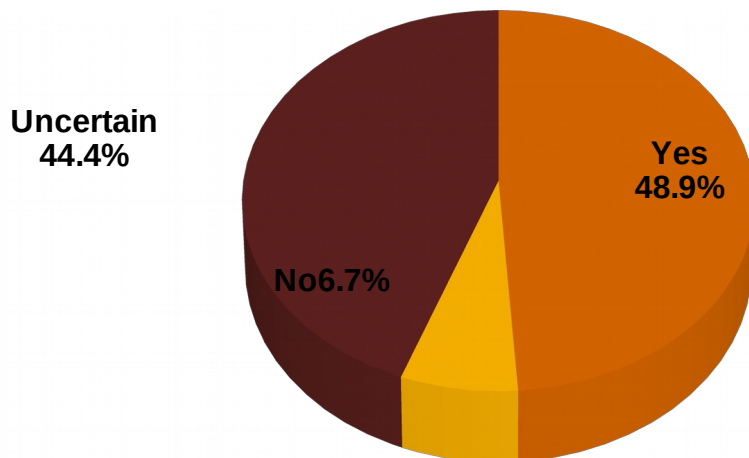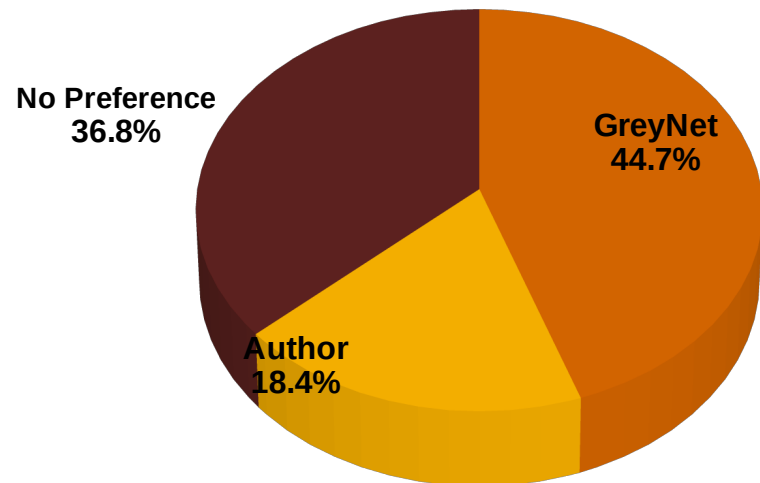
N=38

R

enhance scholarly communication

7. Do you agree that both the data producer as well as the data user stand to benefit by submitting data, datasets, or subsets for this Enhanced Publications Project?

8. Do you think that guidelines for data entry should be available for future conference papers and other types of Grey Literature?
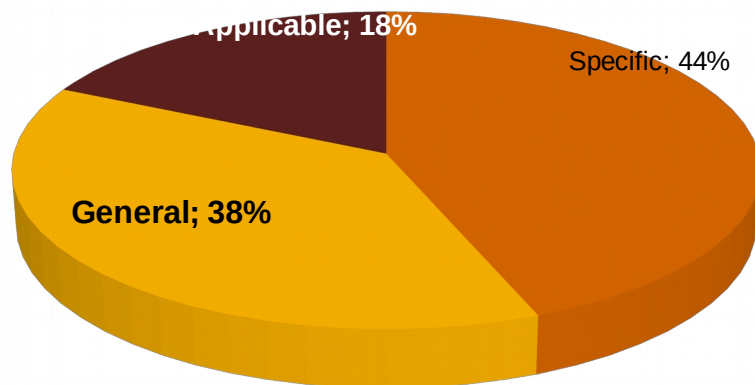
Uncertain15.6 %

Yes84.4%

N=45

Uncertain8.9%

Yes 91.1%
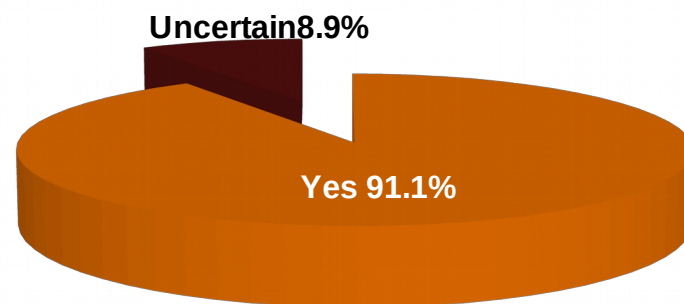
N=45

Data is disciplinary or subject based and this accounts for differences in formats used to acquire it

9. What kind of data and data formats have you used/are using in your research?

Types of Responses

Applicable; 18%

Specific; 44%

General; 38%

N=34

10. […] **Comments** or **Recommendations** for this Enhanced Publications Project?

"I'm a firm believer that not all data is worth archiving."

"Will your system support the preservation and migration to new platforms?"

"For many, it would need to be a local activity linked to our own sites."

"I share data with my colleagues and research teams, but I'm not sure if I would be willing to share them with anybody else at the moment?".

Post-Publication Data
LIS Student Commentaries

Selection Process

LIS graduate students select from GreyNet's Collection of Conference Preprints those they consider of value for the research chain, that are clearly written, and that are publicly accessible via the OpenGrey Repository.

Standardized Commentary Format:
①Summary   ②Strenghts   ③Limitations   ④Takeaway

See also GL13 Poster,

'*Shining a light on Grey literature' by Bethany Edwards, Eloise Flood, Thomas Keenan, and Ashley Rode; Pratt Institute, SLIS*

General Guidelines and Future Workflow
Applied to Research Data

"Re-use, verification and heritage are the three main reasons for preserving data, and it is possible to formulate general guidelines based on these three reasons. These general guidelines will, however, need to be adjusted to each discipline or domain. They can be used both by researchers and repositories, regardless of context. They could be part of the preservation policy of an institute, a data repository – either a thematic or institutional one – or even the policy of a research group or an individual researcher."

Selection of Research Data: Guidelines for appraising and selecting research data Heiko Tjalsma (DANS) and Jeroen Rombouts (3TU.Datacentrum), 2011. http://www.dans.knaw.nl/en/content/categorieen/publicaties/dans-studies-digital-archiving-6.
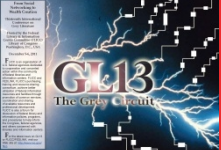
Acknowledgements

LIS Students at Pratt Institute
for their work on Commentaries

and

Authors in the GL-Conference Series,
who are submitting research data

Thanks!