Global Information Repository Research

for Sci &Tech Information Development

Collaborative Joint Research Project Meeting, 29 April 2024

Dr. Dominic Farace
Project Investigator
GreyNet International, Netherlands

KiSTi
www.kisti.re.kr
Korea Institute of
Science and Technology Information

GreyNet
Grey Literature Network Service

Collaborative Research Project

April 1, 2024 – September 30, 2024

PROJECT OVERVIEW

- Background Information

- Project Introduction

- Project Partners

- Method of Approach

- Project Timeline

- Project Announcement

- Survey Population

- Questionnaire 1: *Data Retention Status*

- Questionnaire 2: *Data Curation Processes*

- Questionnaire 3: *Data Specifications*

- Projected Results

- Comments & Questions

Collaborative Research Project

April 1, 2024 – September 30, 2024

BACKGROUND INFORMATION

KISTI - GreyNet

Last November, I had the honor to present to Dr. SeokJong Lim the GreyNet International Award 2023 on behalf of his many colleagues at the Korea Institute of Science and Technology Information. Since 1999, a span of 25 years – 27 authors, co-authors, and researchers at KISTI have contributed to the field of grey literature by way of documented and published conference papers, posters, journal articles, video recordings, and research data. With such content and the support provided via its Associate Membership, GreyNet is enabled to develop, sustain, and enhance its digital information resources serving the international grey literature community.

Collaborative Research Project

April 1, 2024 – September 30, 2024

PROJECT INTRODUCTION

INTRODUCTION

KISTI plans to conduct an investigation into the data retention and status analysis of global science and technology information organizations through international joint research with GreyNet. In this way, we plan to conduct basic research for the joint use of data in an open scientific environment through cooperation with global science and technology information organizations.

Collaborative Research Project

April 1, 2024 – September 30, 2024

PROJECT PARTNERS

Korea Institute of Science and Technology Information

https://ror.org/01k4yrm29 • https://api.crossref.org/funders/501100003708

Dr. Jaesoo Kim, President KISTI

Dr. Hyejin Lee, Project Investigator

Dr. Jayhoon Kim, Senior Research Engineer

Dr. SeokJong Lim, R&D System Development • https://orcid.org/0000-0002-7728-1723

Dr. Minseop Yoon, Project Management

GreyNet — Grey Literature Network Service

https://ror.org/01pxfxj80

Dr. Dominic Farace, Project Investigator • https://orcid.org/0000-0003-2561-3631

Collaborative Research Project

April 1, 2024 – September 30, 2024

METHOD OF APPROACH

- Via an Online Survey

- Comprising 3 Questionnaires in succession
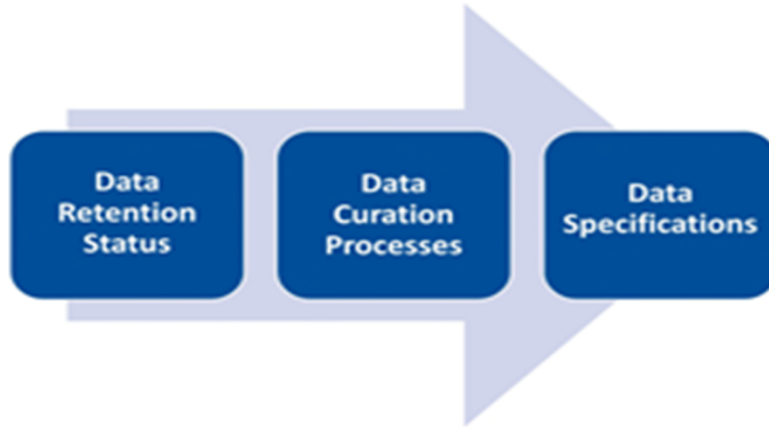
- Maximum 10 items per questionnaire

- Allows for both open-ended and closed-ended responses

- Implements SurveyMonkey software, an AI-powered feedback platform

- Current subscription open to 40 respondents per questionnaire

Collaborative Research Project

April 1, 2024 – September 30, 2024

PROJECT TIMELINE

KISTI-GreyNet Project 2024

PROJECT TASKS	Apr	May	Jun	Jul	Aug	Sep
Task 1: Survey of data held by global science and technology information organizations	Task 1	Task 1	Task 1 & 2			
Task 2: Analysis of basic data status of research reports and grey literature			Task 2			
Task 3: Support for securing data held by global science and technology information organizations					Task 3	Task 3
Task 4: Research/provision of data to establish KISTI data utilization plan						Task 4

Collaborative Research Project

April 1, 2024 – September 30, 2024

PROJECT ANNOUNCEMENT

GreyNet's Distribution List and Social media

The Korea Institute of Science and Technology Information (KISTI) has invited GreyNet International to collaborate on a research project entitled 'Global Information Repository Research for STI Development'. GreyNet an established community of practice in the field of grey literature for over thirty years has contacts with research organizations in more than 40 countries worldwide. GreyNet seeks to bring to this project its expertise in the promotion and management of scientific and technical information outside the sphere of commercial publishing.

This six-month collaborative research project was launched in the first week of April 2024 and will close the final week of September. GreyNet has made a selection of organizations listed in its 4th edition of the International Directory of Organizations in Grey Literature (IDGL) published in March of this year. This publication will serve in determining the survey population of the study.

If your organization is invited to participate in this research project, please know that your willingness to do so is not only greatly appreciated but will likewise benefit the standing of your organization's work in the field of grey literature.

Collaborative Research Project

April 1, 2024 – September 30, 2024

SURVEY POPULATION
51 Organizations in 16 Countries
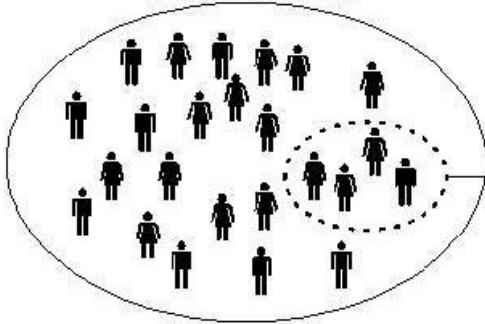
Final Selection based on
GreyNet Affiliation(s):
Member, Author, Editor,
Funder-ID, Nᵒ· of Contacts   **51**

↑

Record Currentness:
2022, 2023, and 2024   **91**

↑

Records with a ROR-ID   **223**

↑

GreyNet Distribution List   **872**

Collaborative Research Project

April 1, 2024 – September 30, 2024

QUESTIONNAIRE 1

Data Retention Status

Data retention refers to the practice of storing data for a specific period of time. This can be done for a variety of reasons, including legal compliance, business continuity, and data analytics.

It is a statistical concept referring to whether the data initially disseminated to the public are final data, preliminary, or ongoing

Collaborative Research Project

April 1, 2024 – September 30, 2024

QUESTIONNAIRE 2

Data Curation Processes

Data curation is the process of creating, organizing and maintaining data sets so they can be accessed and used by people looking for information. It involves collecting, structuring, indexing and cataloging data for users in an organization, group or the general public.

It involves annotation, publication, and presentation of the data. There are three steps in the data curation process: data identification, data cleansing, and data transformation.

Collaborative Research Project

April 1, 2024 – September 30, 2024

QUESTIONNAIRE 3

Data Specifications

Data Specifications refer to a document setting out the specific data fields relevant to a particular data collection amended from time to time.

Data specifications include terminology, classification, and identifiers used in the curation process.

Collaborative Research Project

April 1, 2024 – September 30, 2024

PROJECTED RESULTS

Milestones and Deliverables

- Report(s) based on the results of the three questionnaires comprising the online survey

- Memorandum of Understanding (MOU) between 3-5 data-securing organizations and KISTI

- Case study based on the collection of pilot data in establishing a KISTI data utilization plan

Collaborative Research Project

April 1, 2024 – September 30, 2024

COMMENTS & QUESTIONS

Collaborative Research Project

April 1, 2024 – September 30, 2024