

1. Introduction

As part of the JISC funded project, PEG-BOARD (<http://www.paleo.bris.ac.uk/projects/peg-board/>), we are conducting a survey on the way BRIDGE users manage their data, be it through the BRIDGE website or within their institution, and on how the BRIDGE website is used.

The purpose of this survey is to build a better understanding of your use of research data related to BRIDGE held in your Department, to inform strategic planning for data management within BRIDGE and to help inform the wider UK data management community.

The survey should only take 30 minutes.

Thanks

1. Please enter your contact details

Please enter your full name

Contact email address

* 2. What is your research role?

Principal Investigator

Senior Researcher

Research Assistant

Research Technician

Research Support

Research Student

Other (please specify)

* 3. Please confirm if you would be willing to participate in a short follow-up interview to this survey? (If yes, please make sure you enter you name and contact email address above)

Yes

No

2. Data overview

* **1. Which of the following categories best describes the electronic data created/utilized in your field of research?**

- Experimental
- Simulated
- Observational
- Derived
- Reference
- Other (please specify)

2. In what way is your electronic research data important to your Research Group or Department?

* **3. Please estimate how much electronic research data you currently hold/maintain?**

- < 1 GB
- 1 – 50 GB
- 50 – 100 GB
- 100 – 500 GB
- 500 GB – 1 TB
- 1 – 50 TB
- 50 – 100 TB
- 100 TB
- Don't Know

* 4. Please estimate the percentage of increase per year you expect your data to grow from:

10%

20%

50%

100%

200%

> 200%

don't know

* 5. Who is responsible for managing your electronic research data?

Yourself

Research Project Manager

Research Assistant

Research Technician

PhD Student

Other Designated person in Research Group

Departmental IT Officer

Central ICT

Local Data Centre

National data centre / data archive

International data centre / data archive

Don't know

No one

Other (please specify)

* 6. Please confirm where your electronic research data is primarily stored?

Hard disk drive of instrument/sensor which generates data

Hard disk drive of PC

External hard drive

Local server

ICT server

Third party

CD/DVD

USB/Flash drive

Other (please specify)

3. Backing up data

* 1. Is your data backed up regularly?

Yes

No

Don't know

4. Data backup policies

* 1. If 'yes', how frequently is it backed up?

Daily

Weekly

Monthly

Ad hoc

Don't know

Other (please specify)

* 2. What data tends to be backed up?

Everything

Data critical to the project

Data required for publication

Don't know

* 3. Where is the data backed up?

CD/DVD

USB/Flash Drive

External Hard Drive

Tape

Local server

ICT server

Third party

Other (please specify)

* 4. Who is responsible for the backups?

5. Data management plan

* 1. Do you currently have a data management plan for your research data (for example, data preservation policy, record management policy, data disposal strategy)?

Yes

No

Don't know

6. Strategy drivers

* 1. If 'yes', what was the main driver for developing your strategy?

Research requirement to access/analyse/annotate others' data

Requirement of project funder

Size of project team (i.e. multiple data creators)

Volume of data associated with project

Complexity of data associated with project (e.g. multiple formats)

Absence of College data management policy

Other (please specify)

7. Data management disincentives

* 1. If 'no', please confirm why?

- Not required / appropriate to field of research or research group
- Not required by project funder
- Time and effort required
- Lack of training / expertise within research group
- Lack of local support / guidance (e.g. Central Library, ICT)
- Absence of College data management policy
- Don't know
- Other (please specify)

8. Access to research data

* 1. Do you currently allow others to access your research data?

Yes

No

Don't know

9. Scope of access

* 1. If 'yes', who to?

Students / Colleagues in Department

Students / Colleagues within BRIDGE

Research Group

Other Institutions

As supporting evidence to publication

General public

Other (please specify)

10. Access issues

* 1. If 'Yes', what access issues are of concern to you?

- Confidentiality /IPR
- Commercial value of data
- Possible misinterpretation of data
- Time/effort required
- None
- Other (please specify)

11. Issues blocking access to research data

1. If 'no', what access issues are of concern to you?

- Confidentiality /IPR
- Commercial value of data
- Possible misinterpretation of data
- Time/effort required
- Other (please specify)

2. If 'no', what steps could be taken to allow others to access your research data?

12. Open access

* **1. Have you been asked to make your electronic research data openly available outside of a publication (e.g. required by project funder)?**

Yes

No

Don't know

2. If 'yes', please supply high-level details.

13. Your Data Assets

In this section we would like you to provide details of electronic research data you consider critical to your own work or that of your Research Group/Department.

The first section is about any data sourced from places other than the BRIDGE web site, the second section concerns the BRIDGE web site.

* **1. Do you use data sourced from a third party or is generated outside of the BRIDGE web site?**

Yes

No

Don't know

If 'Y', please provide the following high level information for each data asset.

2. Brief Description

3. Principal Data Type

- Raw data generated by program
- Raw data from instrument
- Images, scans or x-rays
- Digital audio
- Digital video
- Database (e.g. MySQL, Oracle)
- Text document (e.g. Word, PDF)
- Spreadsheet (e.g. Excel)
- Other proprietary format
- Software
- Lab notes
- Patient data
- Other (please specify)

4. Effort Associated with Creation of Data

Hours

Days

Weeks

Months

Other (please specify)

5. Planned Retention Period

< 1 year

1 – 2 years

2 – 5 years

5 – 10 years

10 – 20 years

20 – 100 years

100+ years

Indefinitely

Don't know

Other (please specify)

6. Frequency of Use

Daily

Weekly

Monthly

Yearly

Reference Only

Other (please specify)

7. Estimated 'final' Size of Data

< 1 GB

1 – 50 GB

50 – 100 GB

100 – 500 GB

500 – 1 TB

Multiple TB

14. Your Data Assets (Part 2)

1. Are any of your critical research data assets stored in a proprietary format?

Yes

No

Don't know

2. If 'yes', please confirm format

3. Please also confirm what sort of services you would like to see offered to guarantee access to this data in the future?

4. How do you use the 3rd party/generated data with the BRIDGE sourced data?

15. BRIDGE Web site

* **1. If BRIDGE sourced data was not available – could you still carry out your research?**

Yes

No

Don't know

2. If 'Y', would you be able to source alternative data?

No

Don't know

Yes (Please state alternative source)

3. Do you use the BRIDGE web interface to process your experiments?

Yes

No

Don't know

4. Do you use BRIDGE to process data generated by UM (Unified Model)

Yes

No

Don't know

5. Do you use standard plots generated out of processed data?

Yes

No

Don't know

6. Do you use BRIDGE to create customized plots from processed data?

Yes

No

Don't know

7. Do you use the web site to export this data for presentation to other researchers?

- Yes
- No
- Don't know

8. When using generated data, what do you use?

- the raw netcdf files
- CSV exported files
- postscript/pdf plots
- gif/png plots
- web animations
- Other (please specify)

9. Do you use the experiment comparison feature of the site?

- Yes
- No
- Don't know

10. Do you need to modify the data produced by BRIDGE?

- Yes
- No
- Don't know

11. If 'Y', how much effort does the modification work take for a typical data set?

- Hours
- Days
- Weeks
- Months
- Other (please specify)

12. Please describe the type of modifications required to make the data usable for your research.

13. Are there features that are missing from the BRIDGE website that you would like to see which would help your research?

Yes

No

If 'yes', please provide a brief summary of such features

16. Final question: about this survey

1. Do you have any comments regarding this survey?