

1. Your research work

* 1. Which University do you work for most of the time?
(select one answer)

☐ University of Leeds

☐ The University of Sheffield

☐ The University of York

☐ Other (please specify)

* 2. What is your role?
(select one answer)

☐ Academic Staff

☐ Contracting / independent Researcher

☐ Post Doctorate / Research Assistant

☐ Research student

☐ Other (please specify)

* 3. Please state your discipline and main field of interest

Discipline

Please state your main field of interest/sub-discipline

4. Who funds your research?
(select all that apply)

☐ Arts & Humanities Research Council (AHRC)

☐ Medical Research Council (MRC)

☐ Biotechnology & Biological Sciences Research Council
(BBSRC)

☐ Natural Environment Research Council (NERC)

☐ Engineering & Physical Sciences Research Council
(EPSRC)

☐ Science & Technology Facilities Council (STFC)

☐ Economic & Social Research Council (ESRC)

☐ Industrial sponsor / CASE award

☐ Other (please specify)

2. Storing your research data

This refers to raw data, instrument data, processed data, data from work in progress and completed datasets - These are data that would not normally be included in the published paper that results from their analysis.

1. How do you store your research data?

(select all that apply)

- ☐ ALL data in digital format
- ☐ ALL data as Hardcopy format (Lab-book, paper printout, analogue tape and photos etc.)
- ☐ Both formats used - some data in one format, the rest in the other format.
- ☐ Both formats used - some/all data in BOTH formats

2. Where do you store/archive your research data?

(select all that apply)

- ☐ Departmental / Institution networked fileserver
- ☐ Standalone computer / Laptop drive
- ☐ Instrument computer
- ☐ Other (please specify)
- ☐ Portable electronic media (USB drive, Zip drive, DVD, CD, etc.)
- ☐ Hardcopy (Lab-books, photocopy, printout, photo etc.)

3. Have you ever disposed of your research data due to storage problems?

(select all that apply)

- ☐ Yes, due to lack of long-term storage
- ☐ Yes, due to loss of technical expertise (e.g. losing a member of staff)
- ☐ Yes, due to obsolete file formats
- ☐ No, never had a problem with storage
- ☐ Other (please specify)

3. Sharing your research data

1. Who do you share your research data with?

(select all that apply)

- | | |
|--|---|
| <input type="checkbox"/> Research project team members | <input type="checkbox"/> Contacts in other education institutions in UK |
| <input type="checkbox"/> Departmental colleagues | <input type="checkbox"/> Contacts in non-education organisations in UK |
| <input type="checkbox"/> University colleagues in other departments | <input type="checkbox"/> Contacts in education centers overseas |
| <input type="checkbox"/> Students | <input type="checkbox"/> Contacts in non-education organisations overseas |
| <input type="checkbox"/> Users of a Source Repository (contains primary research data) | <input type="checkbox"/> A non-UK research funding agency |
| <input type="checkbox"/> A UK research funding agency | <input type="checkbox"/> I do not share my research data |
| <input type="checkbox"/> Other (please specify) | |

2. How do you make your research data available?

(select all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Data are posted or passed by hand in printed format | <input type="checkbox"/> At a website by providing a publicised URL |
| <input type="checkbox"/> Data are distributed via e-mail | <input type="checkbox"/> Via a publisher |
| <input type="checkbox"/> By exchange of portable media (disks, CD-roms, USB drives, etc.) | <input type="checkbox"/> Through a Source Repository |
| <input type="checkbox"/> By the allocation of passwords to network drives or data files | <input type="checkbox"/> I do not make my research data available |
| <input type="checkbox"/> Other (please specify) | |

3. If you do so, why do you share your research data outside your project team?

(select all that apply)

- | | |
|--|--|
| <input type="checkbox"/> To enable collaboration and contributions by others | <input type="checkbox"/> Improved visibility for my research |
| <input type="checkbox"/> Requirement of funding body/condition of funding | <input type="checkbox"/> Benefit to my institution (research presence, income, etc.) |
| <input type="checkbox"/> Benefit to my research profile (improved status, future funding or new prospects) | <input type="checkbox"/> Potential benefits to the research community (promoting open access, reciprocation of data access etc.) |
| <input type="checkbox"/> Improved level of validation for my research findings | <input type="checkbox"/> Potential benefits to society (promoting Open Access etc.) |
| <input type="checkbox"/> Other (please specify) | |

4. If you don't already share your research data, what factors would encourage you to?

(select all that apply)

- ☐ Requirement of funding body/condition of funding
- ☐ Long-term preservation of my digital research materials
- ☐ Restricted access to my research data until successful publication
- ☐ Embargo on research data for 3 -5 years from the start of a project
- ☐ Retaining full control over access to my data
- ☐ Demonstrable benefit to my research profile
- ☐ Other (please specify)
- ☐ Improved level of validation for my research findings
- ☐ Improved visibility for my research
- ☐ Demonstrable benefit to my institution
- ☐ Potential benefits to the research community
- ☐ Enabling collaboration and contributions by others
- ☐ Potential benefits to society

5. What factors would discourage you from sharing your research data?

(select all that apply)

- ☐ The threat of loss of ownership
- ☐ Risks to an established research niche
- ☐ Risk of premature broadcast of research findings
- ☐ Subversion of intellectual property rights, including copyright
- ☐ Ethical constraints relating to my research
- ☐ Other (please specify)
- ☐ Consideration of data protection and other confidentiality issues
- ☐ The time/effort required to enable sharing
- ☐ Risk of diversion from principal objectives through generating additional work
- ☐ Risk to commercialisation opportunities
- ☐ Increased competition for funding

6. How do you normally control access to your data by others?

(select all that apply)

- ☐ No access control - there is open access
- ☐ Maintain an approved list/directory of data users
- ☐ Refer data requests to a review authority
- ☐ Authentication of ID and password for online access
- ☐ Other (please specify)
- ☐ Validation of data users by clicking on an e-mailed URL
- ☐ Storage of data on standalone computers
- ☐ Storage of data on a private network/intranet
- ☐ The specific operational terms and conditions of the source repository

7. What kind of formal restrictions do you normally apply to your research data?

(select all that apply)

- ☐ No formal restrictions
- ☐ Time related embargoes
- ☐ Restricted to immediate research team/programme members
- ☐ Other (please specify)
- ☐ Individual enquiries/requests for access are judged on their merits
- ☐ Data is flagged confidential/commercial-in-confidence (or other caveat), for authorised access only

8. Do you access the research data generated by other research projects? If so, why?

(select all that apply)

- ☐ To understand the broader context and orientation of my research
- ☐ To identify useful contacts
- ☐ To test the uniqueness and validity of my research objectives
- ☐ To access data that are useful or necessary to my research
- ☐ To test the uniqueness and validity of their research objectives
- ☐ I do not normally access others' research data
- ☐ Other (please specify)

9. How would you normally access the research data of other research projects? (select all that apply)

- ☐ Data are posted or passed by hand in printed format
- ☐ Via the research project / institution website
- ☐ Data are distributed via e-mail
- ☐ Via a publisher
- ☐ By exchange of data on portable media (disks, CDs, USB drives, etc.)
- ☐ Through online access to source repositories
- ☐ By access to networked file servers at my own institution
- ☐ I do not normally access others' research data
- ☐ By access to networked file servers at other institutions
- ☐ Other (please specify)

4. Source Repositories

Source Repositories contain primary research data (raw data, analysed data, instrument data) - These are data that would not normally be included in the published paper that results from their analysis.

If you have used institutional or publishers repositories to deposit/access such data, please specify.

1. To which Source Repositories have you submitted your data? How often?
(select all that apply)

	Over 5 occasions	2-5 occasions	Once	Never	Never, but intend to soon
Archaeology Data Service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brookhaven National Laboratories	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CERN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Genbank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
National Crystallography Service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NERC Data Centres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Protein Structures Database	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SuperCOSMOS Science Archive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UK Data Archive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UniProt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other repository	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If other (please specify)

2. From which Source Repositories have you accessed data? How often?
(select all that apply)

	Over 5 occasions	2-5 occasions	Once	Never	Never, but intend to soon
Archaeology Data Service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brookhaven National Laboratories	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CERN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Genbank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
National Crystallography Service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NERC Data Centres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Protein Structures Database	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SuperCOSMOS Science Archive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UK Data Archive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UniProt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other repository	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If other (please specify)

3. If a standard feature of such repositories was the ability to identify and link to the publications that had been developed from these data, how advantageous would you find it?

(select one answer)

☐ Significant advantage to my work

☐ Of no interest to me

☐ Useful but not of major significance

☐ Not sure at this point

☐ Interesting but not particularly useful

☐ Other (please specify)

4. How advantageous to you would it be if it were possible to go directly from within an online publication (electronic journal article or other text) to the primary source data from which that publication was developed?

(select one answer)

☐ Significant advantage to my work

☐ Of no interest to me

☐ Useful but not of major significance

☐ Not sure at this point

☐ Interesting but not particularly useful

☐ Other (please specify)

5. If your institutional Repository, WHITE ROSE RESEARCH ONLINE, or your university on its own, established facilities to curate (preserve) and publish (manage access to) your RESEARCH DATA, would you use this service?

(select one answer)

☐ Yes - at White Rose Research Online

☐ No

☐ Yes - but only at my university

☐ Don't know

Add comments about this if you wish to

6. Does your research funding body mandate the publishing of your RESEARCH DATA in an Open Access Repository?

(select one answer)

☐ Yes

☐ No

☐ Don't know

7. If your funding body mandated the publishing of your RESEARCH DATA in an Open Access repository would you...?

(select one answer)

☐ Comply

☐ Seek another funding source

☐ Don't know

5. Metadata

Metadata refers to information describing your data, making it possible to access and retrieve it; e.g. records in a library catalogue, describing items held by the library.

1. What types of metadata do you consider important to assign to your data?
Use the 'Other' option to enter more discipline-specific terms if that is appropriate.

(select all that apply)

- | | |
|--|--|
| <input type="checkbox"/> Project title | <input type="checkbox"/> Publisher |
| <input type="checkbox"/> Project description | <input type="checkbox"/> Dates of project |
| <input type="checkbox"/> Project reference numbers/identifiers | <input type="checkbox"/> Date (e.g. of data creation) |
| <input type="checkbox"/> Author/data creator name(s) | <input type="checkbox"/> Format (e.g. PDF or HTML) |
| <input type="checkbox"/> Title of data set | <input type="checkbox"/> Information on Instrumentation used |
| <input type="checkbox"/> Subject keywords | <input type="checkbox"/> Interpretative/contextual information |
| <input type="checkbox"/> Funding source | |
| <input type="checkbox"/> Other (please specify) | |

2. At what stage are metadata assigned to your data?

(select all that apply)

- | | |
|--|---|
| <input type="checkbox"/> Prior to data creation | <input type="checkbox"/> After submission of my data to the repository |
| <input type="checkbox"/> As part of the indexing process for source data files | <input type="checkbox"/> No metadata are assigned |
| <input type="checkbox"/> During file saving | <input type="checkbox"/> I am not certain of the stage at which metadata are assigned |
| <input type="checkbox"/> When submitting data to the repository | |
| <input type="checkbox"/> Other (please specify) | |

3. Who assigns metadata to your research data?

(select all that apply)

- | | |
|--|---|
| <input type="checkbox"/> I decide which terms to use and I assign them | <input type="checkbox"/> Metadata are assigned by the repository administrators |
| <input type="checkbox"/> Research colleague(s) assign metadata on the team's behalf | <input type="checkbox"/> Metadata are generated automatically |
| <input type="checkbox"/> Research support staff assign metadata on the team's behalf | <input type="checkbox"/> It is not known who assigns metadata |
| <input type="checkbox"/> Metadata are assigned by library/information services staff | |
| <input type="checkbox"/> Other (please specify) | |

6. Output Repositories

Repositories in which research papers (Peer reviewed publications and pre-prints), research reports, theses and dissertations are deposited.

Examples:

Institutional repositories - Birmingham ePrints Service, Edinburgh Research Archive, Imperial ePrints, LSE Research Articles Online, UCL ePrints, White Rose Research Online.

Discipline Repositories - PubMed/PubMed Central, arXiv.

Publisher Repository - ScienceDirect.

1. Does your research funding body mandate the deposit of your research publications in an Open Access Repository?

(select one answer)

☐ Yes

☐ No

☐ Don't know

2. In which output repositories do you deposit your research publications? How often have you done so?

(select all that apply)

	over 5 occasions	2-5 occasions	Once	Never	Never, but intend to
White Rose Research Online	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Institutional Repository	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discipline Repository	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Publisher Repository	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If other (please specify)

3. Which kinds of Output Repository do you use to find and retrieve information for use in your research?

(select all that apply)

☐ White Rose Research Online

☐ Publisher

☐ Other Institutional

☐ None

☐ Discipline

☐ Other (please specify)

7. Support and Assistance

1. Do you receive support and guidance in your use of repositories? This may take the form of personal support from someone else, online prompts, links and advice from within the repositories themselves.

(select all that apply)

☐ Documentary support

☐ No support is provided

☐ Personal support provided by an intermediary

☐ Unknown

☐ Repository-enabled support

☐ Other (please specify)

2. What assistance in your use of repositories is provided by a librarian or other knowledge management support?

(select all that apply)

☐ Provision of documentation (guidance notes, fact sheets, etc.)

☐ Assistance with the conduct of searches

☐ Formal training and documentation

☐ Full intermediary service (e.g. the conduct of searches and organisation of results)

☐ Online or telephone help

☐ Unknown

☐ Assistance with the structuring of specific searches

☐ Other (please specify)

3. What developments would you like to see in research data curation and publication services?

Please use the space below to make any further comments and suggestions about research data storage, curation and publication.