Research Data Management at Oxford

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What is research data management?

Storage
Organizing
Choosing technology
Back up
Structuring
Preservation
Versioning
Documenting
Sharing
Curation
Security

The full data life cycle coverage of RDM
A few things to think about

• Organization and storage
  • Can you find what you need, when you need it?
  • Is your data stored securely? Is there a back-up plan?

• Documentation and record keeping
  • Is it clear where everything is and what has to be done with it?
  • Will information remain intelligible if you have to return to it?
Think further ahead

- Consider curation, preservation and access
- Is there a long term plan for the data?
- Could (or should) data be accessible by others
  - Funders may require it
- Is there a suitable archive for the data
- What needs to be done to allow access and sharing
- Look for support from Research Data Oxford
ORA-Data: our research data repository

Extension of established Oxford Research Archive (ORA), but for data

Offers end-of-project service for data to be:

- Archived – catalogued - preserved
- Cited – discovered - shared

Operated by the Bodleian Digital Library (BDLSS) on behalf of the University
Who is ORA-Data for?

For researchers who wish to:

• Deposit data, especially data that underpins publications or where a funding body has requirements
• Include an entry in the catalogue of research data

Not for:

• Storage of data from active projects
• Data created exclusively outside Oxford
Why deposit?

Carrot (benefits) and stick (compliance)

Benefits include;

• Supporting evidence - citation - DOIs - linking - sharable - discoverable - longevity

Compliance

• Response to funder guidelines such as EPSRC policy which came into force in May 2015
How to use ORA-Data

Data record

Dataset

• Minimum information required;

  Title of dataset – publisher – date of publication – data documentation – creators – data steward – funder (if applicable) – embargo requirements
http://ora.ox.ac.uk/
My Ora

Create dataset

1. Upload files

Select files to upload

- I have read and do agree to ORA's deposit licence for data.

A maximum of 2GB per file and a total of 5GB can be uploaded at once via this form. To deposit files over 2GB in size, please contact us for details of an alternative file transfer process.

Start upload  Cancel upload

Note: You must agree to ORA’s deposit licence before starting your upload.

If you wish to create a record about a dataset stored elsewhere and do not need to upload any data files, please move on to Step 2, About your data.

Continue to Step 2 - About your data  Next step

Save  Check mandatory fields and Save
http://libguides.bodleian.ox.ac.uk/ora-data
RDM and ORA-Data

• Support for RDM can be drawn upon before, during and after key stages of the research lifecycle

• Involving RDM support with research allows best use to be made of institutional repositories, and in particular ORA-Data
Key Links

Research Data Oxford website:
http://researchdata.ox.ac.uk/

Bodleian Data Library on RDM and research practice:
www.bodleian.ox.ac.uk/data/support-and-training

Libguide tabs on RDM (e.g. Sociology or Geography):
http://ox.libguides.com/home/subjects
QUESTIONS?