

ORA-Data: archiving research data

Amanda Flynn, Bodleian Libraries
amanda.flynn@bodleian.ox.ac.uk

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1. What is ORA-Data?
2. Who is ORA-Data for?
3. Why deposit?
4. How to use ORA-Data

Schedule



What is ORA-Data?



*University of Oxford Research Archive
for Data: the new digital catalogue and
repository for research data*

What is ORA-Data?



*University of Oxford Research Archive
for Data: the new digital catalogue and
repository for research data*

Offers a service at the end of your research
project to enable data:
Archiving + Preservation + Citation + Discovery
+ Sharing

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Offers a service at the end of your research
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Extension of the existing ORA service for
publications and theses

What is ORA-Data?



OXFORD • UNIVERSITY
RESEARCH • ARCHIVE
Research publications
from the University of
Oxford

Search | Contribute | Browse | Catalog | Help



Bodleian Libraries
UNIVERSITY OF OXFORD

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Top Downloads

Adam J Lewandowski, (2013). The impact of preterm birth on the cardiovascular system in young adulthood. DPhil. University of Oxford.
Rowan Douglas Williams, (1975). The theology of Vladimir Nikolaievich Lossky: an exposition and

Latest Additions

Collins, GS, Reitsma, JB, Altman, DG et al., (2015). Transparent Reporting of a Multivariable Prediction Model for Individual Prognosis or Diagnosis (TRIPOD): The TRIPOD Statement. *Circulation*, 131 (2), 211-219.

<http://www.ora.ox.ac.uk>

re. w. baibel, (2006-spring). Against a written constitution. *Public Law*, 11-18.
Schlanger, SO and Jenkyns, HC, (1976). Cretaceous Oceanic Anoxic Events: Causes and Consequences. *Geologie en Mijnbouw*, 55 (3-4), 179-184.

c.uk

Barros, TC, Papageorgiou, AT, Victora, CG et al., (2015). The Distribution of Clinical Phenotypes of Preterm Birth Syndrome: Implications for Prevention. *JAMA pediatrics*.
Collins, GS, Reitsma, JB, Altman, DG et al., (2015). Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (TRIPOD): the TRIPOD statement. *BMJ (Clinical research ed.)*, 350, g7594.
Collins, GS, Reitsma, JB, Altman, DG et al., (2015). Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (TRIPOD): the TRIPOD Statement. *BMC medicine*, 13 (1), 1.

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Who is ORA-Data for?



For Oxford researchers who wish to:

- deposit data, especially data that underpins publications or data where the funding body requires archiving and preservation
- include an entry for their dataset in the University's catalogue of research data, irrespective of where the data is stored

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We accept:

- any type of digital research data - from all academic disciplines (excluding sensitive data)
- any file format

Who is ORA-Data for?



Why deposit?



Factors shaping environment of academic research

- Dominance of digital media
- Pressure by RCUK funding bodies to encourage preservation of publicly-funded research information / data / metadata
- Pressure to make research data discoverable and linked to publications

Why deposit?

Meeting funder requirements

EPSRC

Engineering and Physical Sciences
Research Council

EPSRC policy framework on research data:

<http://www.epsrc.ac.uk/about/standards/researchdata>

Comes into effect from 1 May 2015

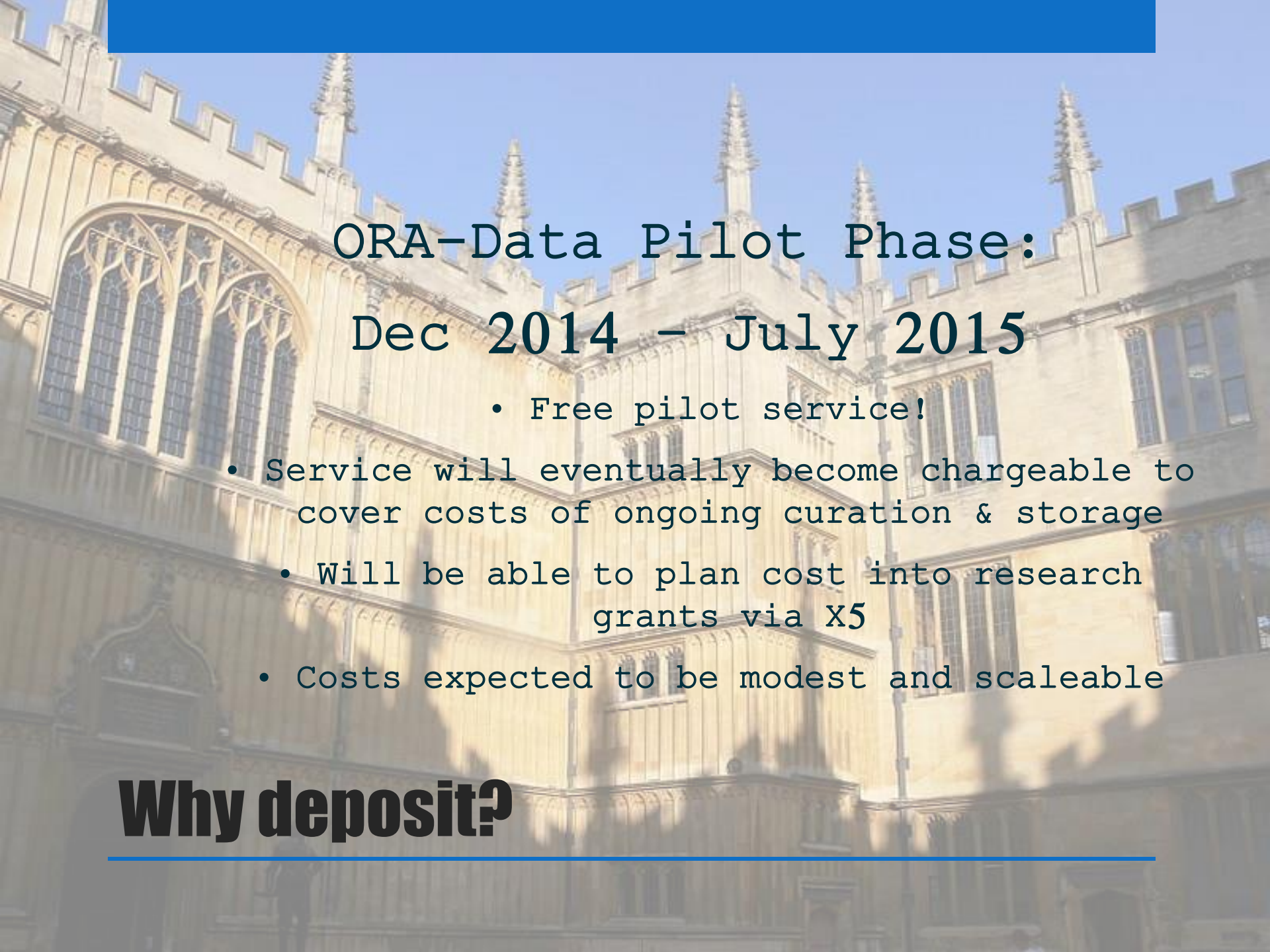
‘Sufficient metadata should be recorded and made openly available to enable other researchers to understand the potential for further research and re-use of the data. Published results should always include information on how to access the supporting data.’

Why deposit?

Benefits of ORA-Data

- Ensure long-term preservation (at least 10 years)
 - Create rich descriptive metadata (a catalogue record) about a dataset to enable discovery and understanding of your research
 - Unique DOI (Digital Object Identifier) assigned to each dataset for citation
 - Link your data to a related publication
- Maximize the visibility and impact of your research: ORA-Data is crawled by Google and other search engines
 - Set embargoes if required

Why deposit?



ORA-Data Pilot Phase: Dec 2014 – July 2015

- Free pilot service!
- Service will eventually become chargeable to cover costs of ongoing curation & storage
- Will be able to plan cost into research grants via X5
- Costs expected to be modest and scaleable

Why deposit?



How to use ORA-Data



Minimum information required (*mandatory fields)

- * Title of dataset
- * Publisher
- * Date of publication
- * Data documentation (why/how data created)
- * Creator(s)
- * Data steward
- * Funder (if applicable)
- * Embargo required?

How to use ORA-Data

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Thomas Ouldrige, (2011). Coarse-grained modelling of DNA and DNA self-assembly. DPhil. University of Oxford.

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SEARCH

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Oxford Researcher

Article AAM (Author Accepted Manuscript) **New**

Data **New**

Journal article, Working/Discussion paper, report etc

Conference/Workshop Paper

Other Research Item

Symplectic Deposit in ORA

Bulk Upload

Register a Conference/Workshop

To deposit items in ORA you need more information see IT Services website

Oxford Research Student

Thesis

Journal article, Working/Discussion paper, report etc

To deposit items in ORA you need your Oxford Single-Sign-On (WebAuth) username and password. For more information see IT Services website

Oxford Alumni

Thesis

Alumni who would like to deposit their thesis in ORA and whose Oxford username and password have expired should contact ORA staff at ORA@bodleian.ox.ac.uk to obtain a username and password.

If you encounter problems trying to make your submission to ORA please contact ORA@bodleian.ox.ac.uk and we will arrange an alternative method for the upload of your work to ORA. Apologies for any inconvenience caused.

Oxford Researcher

Article AAM (Author Accepted Manuscript) **New**

Data **New**

Journal article, Working/Discussion paper, report etc

Log in

[Help](#)

This service is accessed via the University of Oxford Single Sign-On system.

Please enter your **Oxford username** and password then click the "Login" button.

Username

e.g. abcd0123

Password

Login

Having trouble logging in?

Not yet activated? [Activate a new account](#)

University of Oxford Computer Usage Rules and Etiquette

My ORA

The publications or datasets you have previously submitted to ORA are listed below. From this page you can complete unfinished ORA contributions that you previously saved for later, or start to deposit a new publication or dataset.

Feedback

...a version, and we would [welcome your feedback](#) or questions so we can improve the service in our next stage of development work.

Publications

+ Add a publication GO >

Latest publications

1 Osney_Minibus_Timetable.doc

Creator: Sally Rumsey
Date accepted: 01/12/2014

Status: Submitted

2 /articles/uuid:4f1e872a-48a7-4a49-a659-8541686bc669

Date accepted: 01/12/2014

Status: Draft

View all publications >

Data

+ Add a dataset GO >

Latest data deposits

1 Test data deposit...

Creator: Sally Rumsey; Dorothy Bishop
Abstract: qweoqwiu aowirueowr oqjur
Date published: 2014

Status: Submitted

2 /datasets/uuid:8eb150e5-c67c-4d47-bcde-5890b6e1e3d7

Date published: 2014

Status: Draft

View all data >

Click 'Add a dataset'

Previous data deposits displayed here

Create dataset

My datasets



1. Upload files

Select files to upload

I have read and do agree to [ORA's deposit licence for data](#).

Browse... No files selected.

A maximum of 2GB 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.

Continue to Step 2 - About your data

Next step >

Save

Submit

1

Upload files

Step 1: Upload

Upload file(s) if you are depositing data files

Up to 2GB at once

No need to upload if you want a record only

2. About your data

Title

* Enter the title by which your dataset should be known and cited

Subtitle

* Documentation about your dataset and processes

Publication information

* Publisher name

* Year published

Optional fields

Enhance your deposit by making your data more discoverable via search engines.

Add subject, keywords, dates, geographical location and language information +
to your data

Add a description of your research +

Step 2: About your data

2

About
your data

Describe the dataset

Required for data citation:
DataCite emerging standard

Add optional description: to
help understanding and for
discovery

Save for later at any point

3. About you

Creator information

1

* Name

This field is required.

Email

Creator object

Role

Select a role



Affiliation

Link to affiliation object



Add another creator

Step 3: About you

Credit the people involved in creating the dataset

Linked to Central University Database (CUD) so should auto-complete name, email and affiliation

3

About you

< Back

Continue to Step 4 - Related publications

Next step >


4. Related publications

Related publications and dataset

1 Title of related item

Remove 


Type of relationship

This dataset  this related item

Abstract or brief description of related item

DOI or URL of related item

Citation of related item (if no URL or DOI)


 Add related item

Step 4: Related publications

Link dataset to any related publication or other data – e.g. link a dataset to the publication it underpins

4

Related publications

 Back

Continue to Step 5 - Data archiving and access

Next step 

5. Data archiving and access

Data management plan

Archive service payment

* How are you paying for the archival service of your data?

- Payment has already been made for archiving the data
- Raise me an invoice for archiving the data
- Payment is not required
- I need help with this

Further details

Nominate a data steward

Post project or for entire lifetime of the data

1 * Name Remove 

Creator object

* Role

Affiliation

Link to affiliation object

 Add another data steward

Add any notes

Access conditions for the catalogue record

* Can this ORA catalogue record be made freely available?

- Yes
- After a certain period
- No

Step 5: Data archiving options

Payment options – pilot service offered free of charge, but service planned to become chargeable

5

Data archiving
and access

[← Back](#)

[Continue to Step 6 - Funders and licences](#)

[Next step >](#)

Access conditions for the catalogue record

* Can this ORA catalogue record be made freely available?

- Yes
- After a certain period
- No

What is the embargo date?

- Embargo end date
- Embargo period

Embargo release method

Select release method ▼

Reason for Embargo

- Publisher's requirement
- Legal or ethical reasons
- Commercial confidentiality
- National security
- Conditional access only

Step 5: Data archiving options

Set embargo if required, for files or catalogue record

The EPSRC require a reason for the embargo

5

Data archiving
and access

< Back

Continue to Step 6 - Funders and licences

Next step >

6. Funders and licences

* Is your research the result of a funding award?

Yes

No

Funder information

1

* Name

Remove



* Grant number:

* Who or what was funded?

Select an option



Add another funder

Step 6: Funders & licences

Acknowledge funders

Add a specific licence

6

Funders and
licences

Optional fields

Enhance your deposit by making your data more discoverable via search engines.

Licence your data



< Back

Continue to Step 7 - Review workflow

Next step >



Service: <http://ora.ox.ac.uk>

Help: <http://ox.libguides.com/ora-data>

ORA-Data
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for
online
help

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The value of data curation

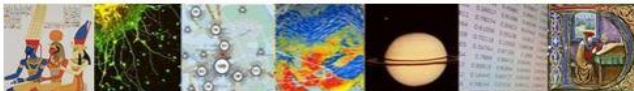


ORA-Data staff review each data package submitted to ORA-Data before publishing the collection online.

We check, as far as possible, that

- files are virus free and can be opened
- copyright status and permissions appear to be correct, e.g. for research which has used third party data
- access conditions (i.e. embargos) and any licence chosen for the data should be in line with any confidentiality concerns
- data files (and file names) do not disclose identifiable information about participants in/subjects of the research, such as people's

Benefits of depositing in ORA-Data




Research data are a hugely valuable resource. By depositing your data in ORA-Data, you can:

- ensure the long-term preservation of your research
- make your datasets easily discoverable and citable online
- maximise the visibility and impact of your research
- view usage statistics to see when your data has been downloaded
- manage and link your publications and data from a single location
- meet funding body requirements to preserve and share data
- comply with Oxford University policy on research data management
- help facilitate new and further research and debate

Key benefits of ORA-Data


1. A permanent descriptive record is created for all data deposited in ORA-Data and a persistent unique identifier generated (a DOI, or Digital Object Identifier), which allows the dataset to be clearly attributed and cited, both by yourself and others.
2. Your data will be discoverable through Google and other search engines, maximising the visibility and impact of your research, and you can view usage statistics in your personal 'MyORA' space to see when your data has been downloaded. You can also choose to set an embargo period.
3. Curation and online delivery of your data will be assured by ORA-Data staff, so you can ensure the long-term preservation, back-up and accessibility of your data without having to maintain your own website.

Oxford Research Archive



Oxford University Research Archive (ORA) is an institutional repository for the University of Oxford and is home to the scholarly output of its research members. It holds **publications, theses and research data.**

ORA Helpdesk:

 **Email us:**
ora@bodleian.ox.ac.uk

 **Call us:**
01865 (2)83809



Feedback on the ORA-Data pilot is very welcome - please help us improve the service we offer!

Any questions?
