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# OPEN DATA

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20/11/2015

**We will send you the slides**

# TODAY:

- Intro to Open Access
- Open Data:
  - Funders' requirements for data sharing
  - Our help

Open Access:  
making scholarly  
research outputs  
freely available to  
access online

Photo credit  
Nic McPhee



BY



# OPEN ACCESS



## PUBLICATIONS



## DATA



## GREEN OPEN ACCESS

Free archiving of manuscript in a repository with or without an embargo.

## GOLD OPEN ACCESS

Paid-for immediate access on the journal website. Often a choice of licence.



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# Funder policies for Open Access to publications



# HEFCE's Open Access policy for the next REF comes into force on 1 April 2016.

Complying with HEFCE is free, but other funders also have open access policies, some of which may require you to pay publishers for immediate access to the final published article, with a specific licence.

Funds are available from RCUK and the Charities Open Access Fund to pay for Open Access costs.



**wellcome**trust



[www.openaccess.cam.ac.uk](http://www.openaccess.cam.ac.uk)

[info@openaccess.cam.ac.uk](mailto:info@openaccess.cam.ac.uk)

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# Accepted for publication? Make sure your work can meet REF and other funders' Open Access requirements

[Upload manuscript](#)

## What do I need to do?



When your article or conference proceeding is accepted by a journal, **upload it**. Every Cambridge author who is submitting their work in the next REF is affected.

We'll check your funder and journal policies and advise on how to comply with REF and funder requirements.

[Find out more](#)

## What's changing?



New HEFCE policy requires peer-reviewed articles and conference proceedings to be available through an institutional repository, when they are accepted for publication, to be eligible for the next REF.

We will continue to advise on other funders' policies and to pay eligible Open Access costs for papers funded by RCUK and the Wellcome Trust.

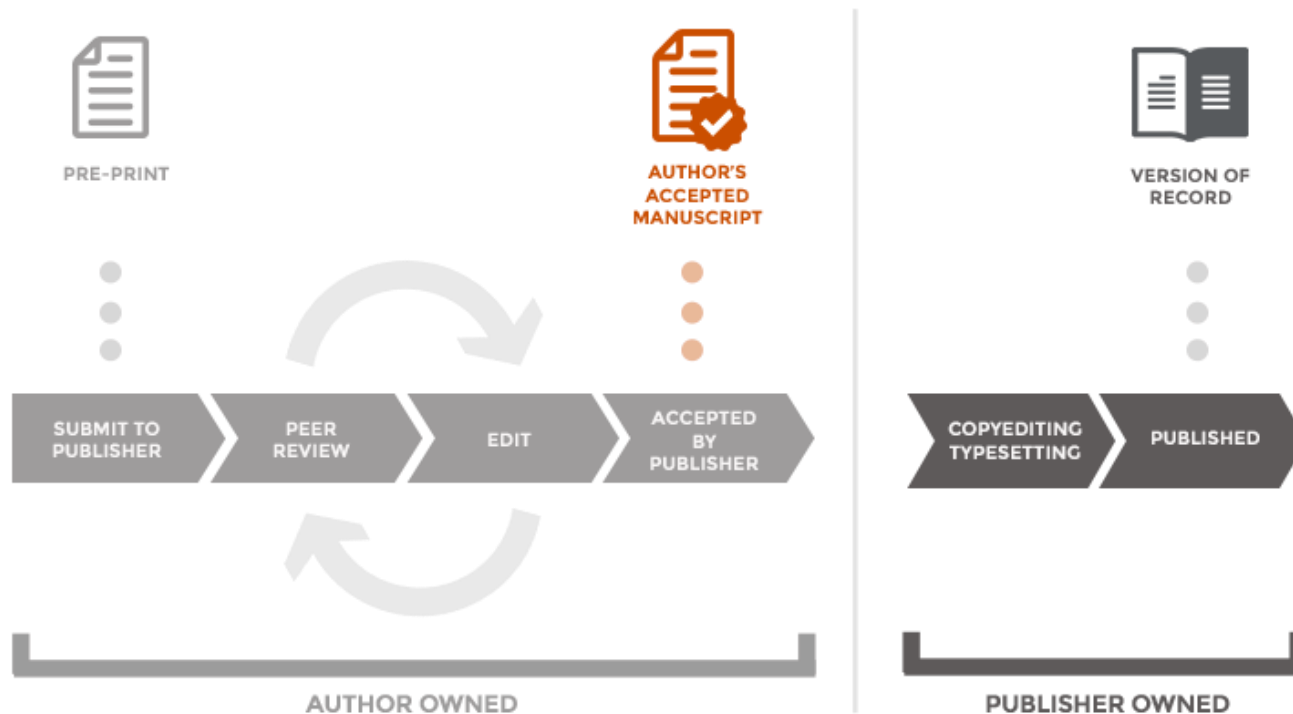
[Find out more](#)

[www.openaccess.cam.ac.uk](http://www.openaccess.cam.ac.uk)

[info@openaccess.cam.ac.uk](mailto:info@openaccess.cam.ac.uk)



Simply send us your Author-Accepted Manuscript on acceptance or when asked to choose an Open Access option and we'll guide you through what you need to do.



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# Open Access to DATA





# DON'T I OWN MY DATA?

*Yes, but you have to abide by terms and conditions agreed upon when accepting the grant*



# WHAT IS RESEARCH DATA?

*“...material (...) accepted in the scientific community as necessary to validate research findings...”*

EPSRC:

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



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# Funder policies for Open Access to DATA



*“Publicly funded research data are a public good (...), which should be made openly available with as few restrictions as possible...”*





## *How to share data?*

- Describe your data
- Deposit your data in suitable repositories
  - Use persistent links, e.g. DOIs (Digital Object Identifiers)
- Store data for 10 years

<http://www.bbsrc.ac.uk/documents/data-sharing-policy-pdf/>



## *Exemptions*

- Personal/sensitive data
- IP protection/commercial data
- Too expensive to share via a repository

Appropriate statement in the publication needs to explain the reasons for restrictions



## *Data Management Plans:*

- Compulsory part of a grant application
- Plans for data sharing/reasons for restrictions
- Adherence to the plan monitored - may be taken into account in the assessment of future proposals

# Funding for Research Data Management:

- Can be requested on grant applications as part of the full economic cost of a research project
- Can be used to support for example:
  - *staff*
  - *physical resources, e.g. storage*
    - e.g. sharing data via Cambridge data repository: £4/GB

# On the horizon...



EPSRC

*Random checks on all publications from 1 May 2015 that acknowledge EPSRC + sanctions for not sharing*

# *What do I need to do?*

- For every new publication – share what is shareable & add a statement
- Budget for Research Data Management in your grant applications
- Be aware of help available to you at the University of Cambridge



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# University services supporting Open Access to DATA



# Research Data Management

[Home](#)[Open Access](#)[Data Management Guide](#)[Support](#)[Data Repository](#)[Research Data Policies](#)[Contact](#)

UPLOAD YOUR DATA

Have a question? E-mail [info@data.cam.ac.uk](mailto:info@data.cam.ac.uk)

[www.data.cam.ac.uk](http://www.data.cam.ac.uk)





# FUNDERS' POLICIES

BBSRC	Biotechnology and biological sciences	<p>Adherence to data management plan will be monitored and built into the Final Report score, which may be taken into account for future proposals.</p> <p>Research data that supports publications must be stored for 10 years.</p> <p>Detailed guidelines about BBSRC requirements are available <a href="#">here</a>.</p>	November 2015
British Heart Foundation	Medical research	"Safeguards should be in place to respect the confidentiality of patients, while also ensuring that medical researchers can gain access to patient data within a secure environment."	November 2015
Cancer Research UK	Cancer research	<p>Any applicants who consider that the data arising from their proposal will not be suitable for sharing must provide clear reasons for not making it available.</p> <p>Investigators carrying out research involving human participants must ensure that consent for data sharing is obtained.</p>	November 2015

[www.data.cam.ac.uk/funders](http://www.data.cam.ac.uk/funders)



# TRAINING AND WORKSHOPS

**26**  
NOV

[OpenCon Cambridge](#)

**26 November 2015, 13:30 - 17:00**

**04**  
DEC

[Research Data Management Workshop](#)

**Friday, 4 December 2016 – 9:30 - 11:30**

**10**  
DEC

[ContentMine Workshop: mining for the life sciences](#)

**Thursday, 10 December 2015, 09:30 - 16:30 with optional hackathon at EMBL-EBI on 11 Dec 2015 (separate booking required)**

**29**  
FEB

[Research Data Management Workshop](#)

**Mon 29 Feb 2016 – 10:30 - 12:30**

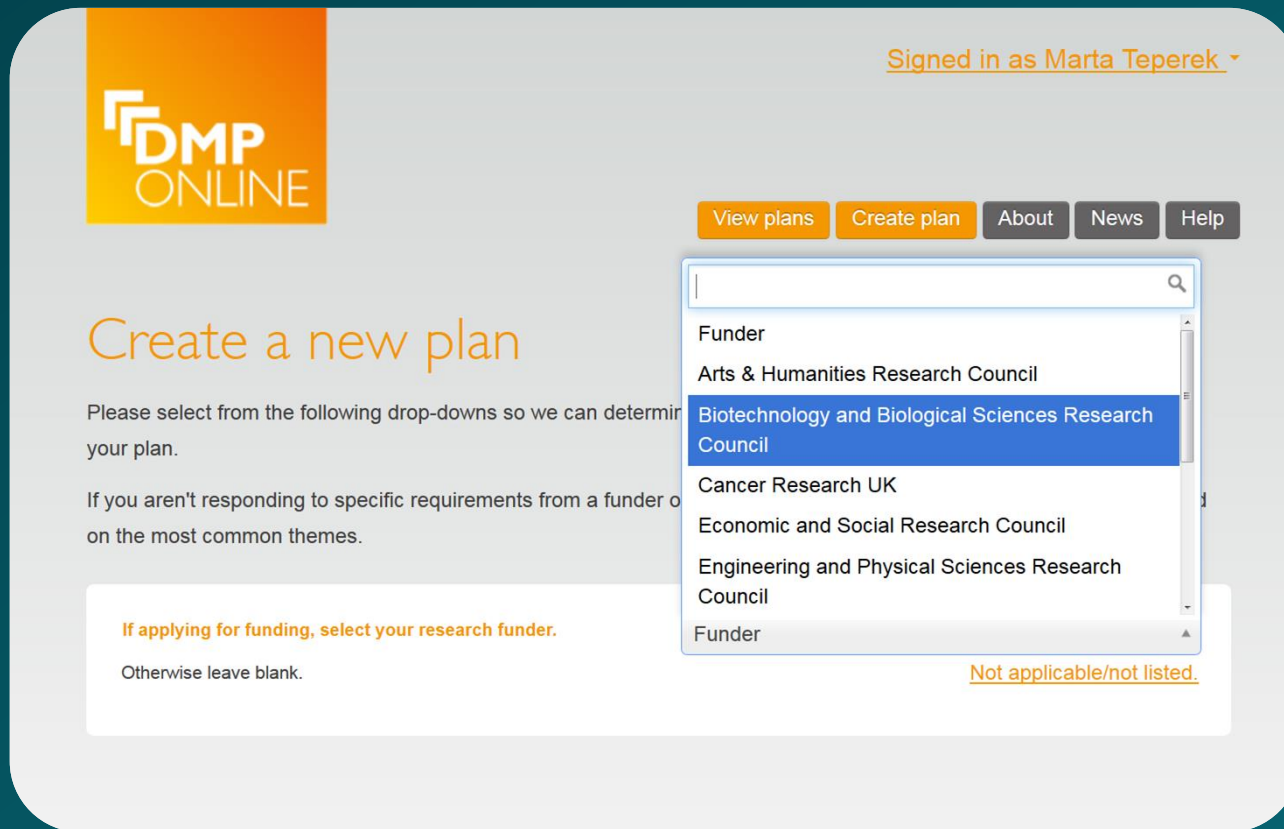
**12**  
APR

[Research Data Management Workshop](#)

**Tues 12 April 2016 – 10:30 - 12:30**

[www.data.cam.ac.uk/events](http://www.data.cam.ac.uk/events)

# DATA MANAGEMENT PLAN



**DMP ONLINE**

Signed in as Marta Teperek ▾

[View plans](#) [Create plan](#) [About](#) [News](#) [Help](#)

## Create a new plan

Please select from the following drop-downs so we can determine your plan.

If you aren't responding to specific requirements from a funder or on the most common themes.

**If applying for funding, select your research funder.**

Otherwise leave blank.

[Not applicable/not listed.](#)

**Funder**

- Arts & Humanities Research Council
- Biotechnology and Biological Sciences Research Council
- Cancer Research UK
- Economic and Social Research Council
- Engineering and Physical Sciences Research Council
- Funder

<https://dmponline.dcc.ac.uk/>

[www.data.cam.ac.uk/support/external](http://www.data.cam.ac.uk/support/external)



# DATA REPOSITORY

## Research Data Management

- Home
- Open Access
- Data Management Guide
- Support
- Data Repository**
- Research Data Policies
- Open Data Team
- Events
- FAQ

### Data Repository




Image from Wikieditor243, CC BY-SA

#### What shall I do to make my data available?

To make your data available first make sure that it is properly organised and labelled, and then simply upload your data to a data repository. You can:

- upload your data to the University repository

#### Research Data Management

- Data Repository**
  - > Upload your data
- Open Access
- Data Management Guide
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- FAQ

#### Related links

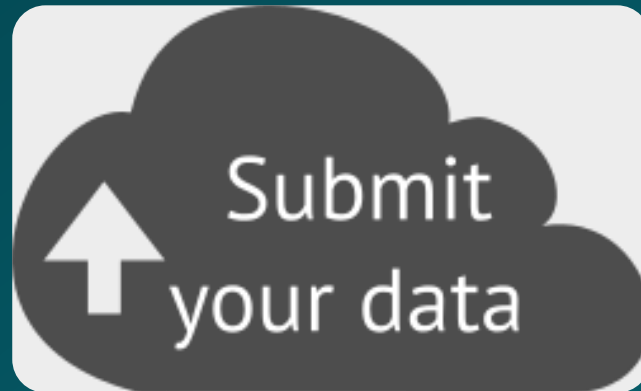
- [University data repository](#)
- [DSpace data deposition policy](#)
- [Upload your data to the University repository](#)
- [Zenodo - general data repository](#)
- [ESRC data repository](#)
- [NERC data repository](#)
- [Funder policies](#)

#### Events

[www.data.cam.ac.uk/repository](http://www.data.cam.ac.uk/repository)



# DATA REPOSITORY



University of Cambridge data repository

[www.data.cam.ac.uk/upload](http://www.data.cam.ac.uk/upload)



# [www.data.cam.ac.uk/upload](http://www.data.cam.ac.uk/upload)

[Home](#) » [Add content](#)

Create a new data submission ○

## Data submission form

We accept depositions up to 20GB. If your dataset exceeds 20GB, please [contact us](#). If you have any problem, please [contact us](#).

☐ I understand and agree to the terms and conditions \*

Please confirm if you have read and accepted the data deposition [terms and conditions](#)

**Title \***

**List all authors of this dataset \***

**Description of your data \***

# [www.data.cam.ac.uk/upload](http://www.data.cam.ac.uk/upload)



# [www.data.cam.ac.uk/upload](http://www.data.cam.ac.uk/upload)

## DSPACE FILE/S

If your file format is currently not accepted, please [contact us](#) and we will enable it for you.

### Add a new file \*

Drop files here or click *Browse* below.

Browse

Upload

Files must be less than 20 GB.

Allowed file types: bmp c cae cif cpp csv doc docx jpeg opj mp3 mp4 mpeg mpeg4 pdf png ppt pptx rar tif tar tiff txt xls xlsx zip

# [www.data.cam.ac.uk/upload](http://www.data.cam.ac.uk/upload)





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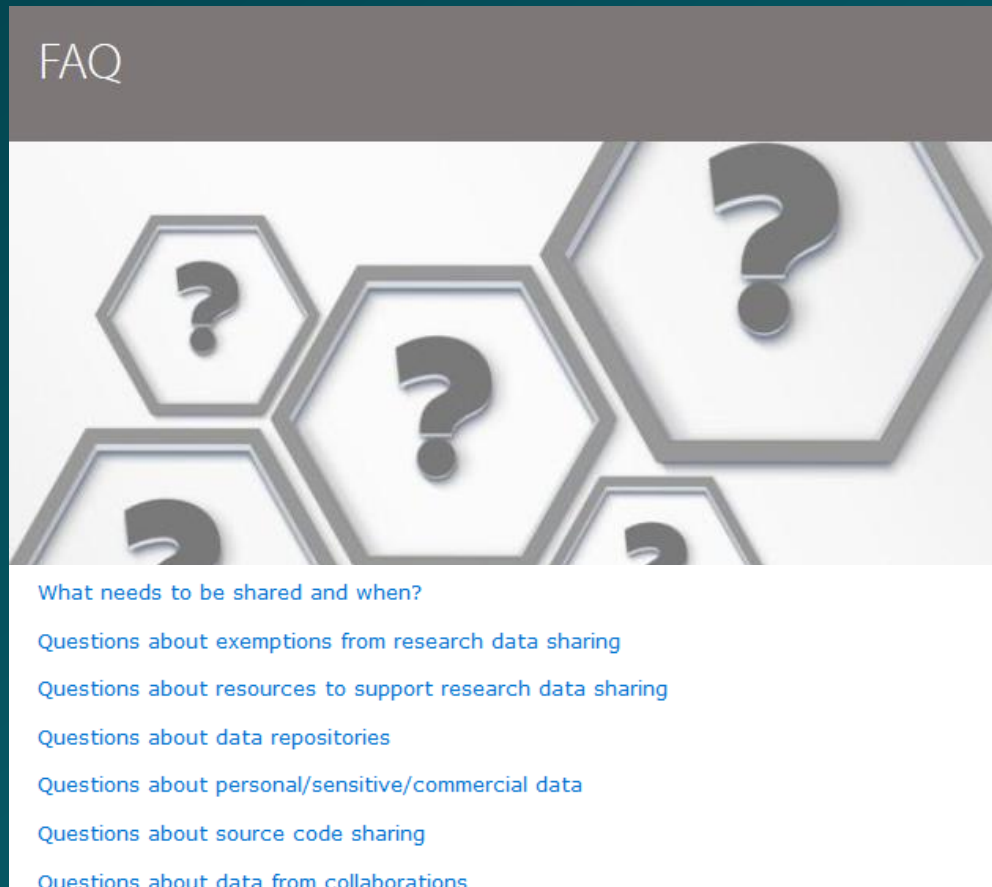
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Files must be less than 20 GB.

Allowed file types: bmp c cae cif cpp csv doc docx jpeg opj mp3 mp4 mpeg mpeg4 pdf png ppt pptx rar tif tar tiff txt xls xlsx zip

# [www.data.cam.ac.uk/upload](http://www.data.cam.ac.uk/upload)

# ? [www.data.cam.ac.uk/data-faq](http://www.data.cam.ac.uk/data-faq)



# [www.data.cam.ac.uk/data-faq](http://www.data.cam.ac.uk/data-faq)

# THANK YOU

Enquiries about research data: [info@data.cam.ac.uk](mailto:info@data.cam.ac.uk)

Enquiries about Open Access to publications: [info@openaccess.cam.ac.uk](mailto:info@openaccess.cam.ac.uk)



Follow us on Twitter: [@CamOpenData](https://twitter.com/CamOpenData)  
[@CamOpenAccess](https://twitter.com/CamOpenAccess)

# *Personal/sensitive data*

- Consider data sensitivity before the start of your project (Data Management Plan)
- More information:
  - **Our website (University resources):**
    - <http://www.data.cam.ac.uk/sensitive-data>
  - **University Ethics website:**
    - <http://www.research-integrity.admin.cam.ac.uk/research-ethics/>
  - **MRC guidelines:**
    - <http://www.mrc.ac.uk/documents/pdf/personal-information-in-medical-research/>
  - **ESRC consent form and anonymisation guide:**
    - <http://www.data-archive.ac.uk/create-manage/consent-ethics/consent?index=3>
    - <http://www.esrc.ac.uk/about-esrc/information/framework-for-research-ethics/consent-anonymisation.aspx>

# Why would I share my data?

- Moving science forward
- Transparency in research
- Higher citation, better recognition
- Public money better spent
- Less time wasted
- Better management of your own data
- Cultural change in science

# DATA MANAGEMENT PLAN

My plan (BBSRC Template)

0/8 questions answered  
approx. 25% of available space used

Plan details | **BBSRC Data Sharing Plan** | Share | Export

**Data areas and data types** (1 question, 0 answered) +

**Standards and metadata** (1 question, 0 answered) -

Outline the standards and methodologies that will be adopted for data collection and management, and why these have been selected

**BBSRC Guidance** +

**B** *I* [List Icons] [Link Icon] [Table Icon]

Save

Not answered yet

**Relationship to other data** (1 question, 0 answered) +

<https://dmponline.dcc.ac.uk/>

[www.data.cam.ac.uk/support/external](http://www.data.cam.ac.uk/support/external)