

# MAKING THE MOST OF OPEN RESEARCH WITH FIGSHARE

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# RESEARCH DATA MANAGEMENT LIBRARY SERVICE



Data Management Plan (DMP) Support Service



Advice on best practice Research Data Management (RDM)



Dataset prep, FAIR data publishing in Figshare and other repositories



UoM and funder data management policies



RDM Training, tailored workshops and advice

## DEFINITION: RESEARCH DATA MANAGEMENT

Research data management covers all actions that contribute to the effective storage, preservation and reuse of data, and documentation throughout the research lifecycle.

- Raw instrument readings
- Processed data
- Genetic sequences
- Microscopic photos
- Spreadsheets
- Surveys and interviews
- Archive or field notes
- Lab books
- Physical samples
- Protocols

## WHAT DO WE MEAN BY RESEARCH DATA?



IMAGES



AUDIO AND VIDEO



3D FILES



DOCUMENTS



CODE



POSTERS



PRESENTATIONS

# WHY IS IT IMPORTANT TO SHARE DATA?

1. Open Research is fundamental as research relies on the principle that we share our findings
2. Research without the underlying data is just a claim

## Benefits to researchers:

- More collaborations
- Comply with grant rules
- Increased visibility of research
- Higher citations
- Improved efficiency

## Benefits to research:

- Improved reproducibility
- Use in education
- Applied by practitioners
- Better value for money
- New research possible around the world

# LICENSING YOUR DATA

Licensing research data protects the researchers' rights and maximises re-use.

Creative Commons licences are recognised around the world.

Government data is frequently licensed under the Open Government Licence.

If you are working with software consider using a software-specific licence.

# BENEFITS OF USING FIGSHARE TO PUBLISH DATA



- Figshare is the University of Manchester's institutional research data repository
- Get a citable Digital Object Identifier (DOI) for public outputs
- Access Altmetrics, usage metrics and citation counts
- Open Access funder compliance
- Help others discover your outputs on Google Scholar
- Integration with ORCID and GitHub

Create your profile at [figshare.manchester.ac.uk](https://figshare.manchester.ac.uk)

# COLLECTIONS ON FIGSHARE

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Pull from your data or public data

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Use to showcase your data

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Get a citable DOI for the collection

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Supports versions

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Tracks Altmetrics, usage metrics,  
and citations



## SUMMARY

- Sharing research data has numerous benefits
- Funders may require data to be shared 'as open as possible, as closed as necessary'
- UoM Figshare can be used to publish research data openly under Creative Commons licences
- Contact the Library RDM team about using Figshare

THANK YOU

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