Research Data Management – Basics

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Examples
Examples
WHAT?

Primary data such as...

- Experiment data
- Measurements
- Surveys, polls

But also...

- Visualizations
- Models
- Tools
Definition

Data that arises during scientific activity (e.g. measurements, surveys, sourcing), which enable scientific work (e.g. digitized material) or which document the result of scientific work, are called research data. - Forschungsdaten.info, translated
WHAT?

Research data

Creation

Processing

Analysis

Archiving

Allowing access

Reusing

Allowing access

Reusing

Creation
WHAT?

Universities and scientists are responsible for the **development** and **cultivation** of science.

Research at universities follows scientific standards and requirements to produce **comprehensible** and **verifiable** results.

Research data management is an essential part of **good scientific practice**.
WHY?

- Avoid duplicate work
- Reusability
- Good science
WHY?

- Theft
- Abuse
- Future proof
- Long term
WHY?

Third party funds

Help

Improved visibility
HOW?

Faculties

University Data Centers & Libraries

Science Communities
“One of the biggest challenges in making data open is getting researchers to upload it.”

#FigshareFest

It puts the data in the repository or it gets the hose again.
HOW?

1. Contact research data management team.
2. We create a data management plan.
3. We find a good place for your data.
4. We make sure the data has the appropriate meta data.
5. Store the data during & after your research
Additional Information

- fdm.hhu.de
- fdm.uni-wuppertal.de
- fdm.zimt.uni-siegen.de

- fodako.de
- forschungsdaten.info

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