Plan Research Data Management (RDM)

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First a few questions:

How many of you...

» Have read chapter one of the Data Management Expert Guide?
» Have read other chapters than chapter 1?
» Have not read any part of the expert tour?
» Have looked at the DMP template?
» Have produced a DMP?
Agreement.

For this session we have to agree on a few concepts!
Benefits of data management

The concept of Data Management implies

» How to handle, organize, structure and store research data
» Takes into account technical, organizational, structural, legislative and sustainability aspects
» Clear structure of how data is going to be managed
» Might involve some additional work at an early stage
The Data Management Plan (DMP)

» Is an important tool that will aid you as a researcher to structure the data management within your project.

» Can be seen as a formal document that outlines the frames for how to handle the data during and after the project.

» Is designed in accordance with the specific project
Let's have a look...

Start with the DMP checklist

- Adapt your DMP section at the end of every chapter
- Corresponding questions to each chapter
Adapt your Data Management Plan
A list of Data Management Questions based on the Expert Tour Guide on Data Management

Overview

Title of the project/study

Date of this plan

Description of the project
- What is the nature of the project?
- What is the research question?
- When is the project time line?

Origin of data
- What kind of data will be used during the project?
- If you are reusing existing data: What is the scope, volume and format? How are different data sources integrated?
- If you are collecting new data can you clarify why this is necessary?

Principal researchers
- Who are the main researchers involved?
- What are their contact details?

Collaborating researchers (if applicable)
- What are their contact details and their roles in the project?

Funder (if applicable)
- If funding is granted, what is the reference number of the funding granted?
- What is the project’s title in the funding contract?

Data producer
- Which organisation has the administrative responsibility for the data?

Project data contact
- Who can be contacted about the project during and after it has finished?

Data owner(s)
- Which organisation(s) own(s) the data?
- If several organisations are involved, which organisation owns what data?

Roles
- Who is responsible for updating the DMP and making sure it’s followed?
- Do project participants have any specific roles?
- When is the project time line?

Costs and Resources
- Are there costs you need to consider to buy specific software or hardware?
- Are there costs you need to consider for storage and backup?
- Are there potential expenses and resources for (preparing the data for) archiving covered?
- What resources will be dedicated to data management ensuring that data will be FAIR?
...about the content of the DMP-checklist.

- Why write a DMP?
- Added Value?
Why write a DMP?

» Easier for others to understand the material
» Enables further research after the project has ended
» Research results can be verified
» Prevents unnecessary data collection
Suggestions on Added Value?

» Discover possible problems at an early stage
» All information in one place
» Calculating cost for data management
» Allows early preparations
» Serious data management