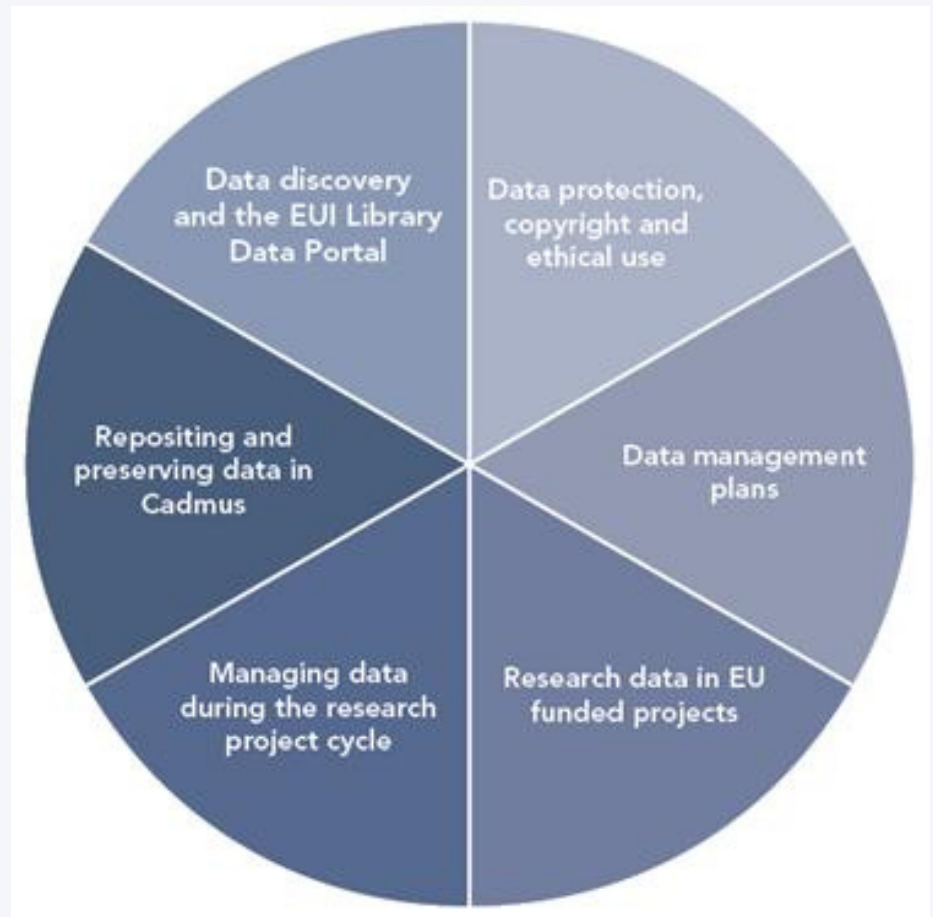


RESEARCH DATA MANAGEMENT (RDM)

WHAT IT IS

Research Data Management (RDM) ensures that research data are curated effectively in all phases of research - from their creation and/or collection to the moment they are completed - and possibly shared for reuse. Managing research data effectively is an active part of responsible research & Open Science and ensures their broadest impact as scholarly outputs.

RDM is a necessary part of responsible research assessment and evaluation, and principle #10 of Plan S which specifies that research must be "solidly reproducible" and "robust."



WHAT TO CONSIDER

MANAGING DATA THROUGH THE PROJECT CYCLE

The EUI Library supports best practices for data discovery, data access, data management planning, data use, data protection, data preservation and data sharing. The information below is intended to help and support all members of the EUI academic community working with data throughout the lifecycle of their research projects, from initial data collection, discovery and access up to the sharing of original research data outputs. This page is based on the [EUI Library Research Data Guide](#).

OTHER RESOURCES



DATA MANAGEMENT PLANS (DMP)

- Bernard, D., Bobish, G., Hecker, J., Holden, I., Hosier, A., Jacobson, T., Loney, T., & Bullis, D. (2014). Present: Sharing what you've learned. In *The information literacy user's guide: An open, online textbook*.
- Bernard, D., Bobish, G., Hecker, J., Holden, I., Hosier, A., Jacobson, T., Loney, T., & Bullis, D. (2014). Science literacy: Information literacy in the sciences. In *The information literacy user's guide: An open, online textbook*.
- LibrarySkills@UCL: [Communicating and sharing information](#)
- [Publishing & Open Science, EUI Library](#)
- [Research Data Management and Open Science, EUI Library](#)

Data management plans (DMPs) are documents normally required by research funders at the beginning, mid-point and end of research projects. EUI members who must submit a data management plan should contact the Library for help (resdata@eui.eu). Science funders normally require an initial DMP, a revised DMP at the mid-point of the research project and a definitive DMP as a project deliverable.

The Principal Investigator, or Project Manager, or a delegated member of the research team, is responsible for writing and delivering the data management plan. The following EUI supporting materials - provided by the EUI Library, the Legal Office, the Academic Service and the Data Protection Office - should be consulted during the preparation of EUI DMPs:

- EUI Library Research Data Guide
- EUI Guide to Good Data Protection Practice in Research
- EUI Guidelines on Ethics and Integrity in Academic Research
- EUI Guidelines on Data Protection.

The EUI Library's Research Data Services office (resdata@eui.eu) has prepared [comprehensive guides to address RDM and specific funders' requirements](#).



RESEARCH DATA PRESERVATION & SHARING

EUI members can preserve and share their research data outputs by submitting them for reposit in the [EUI Research Data Collection of the Cadmus repository](#). Careful attention should be given to:

- Preparing data for reposit
- Completing the dataset submission form
- Preparing the metadata description



TIPS

Research is a discovery process! Do not be afraid to experiment, explore, and [Ask Your Liaison Librarian](#) for help if you need it.

RDM WORKSHOPS

Your librarians are pleased to provide RDM and Open Science training in the form of workshops. Workshops are listed on the [Library's Events page under Research Skills](#) and may also be requested at any time by contacting [Your Liaison Librarian](#).

DEFINITIONS

- Data Management Plans: short documents, normally required by science funding agencies.
- Open Science: the movement to make scientific research accessible or “open” to all without fees or cost.

NEXT STEPS

Publishing Your Work as Open Access

