

Quick Start Guide

Research Data Management (RDM) in Practice

TU Wien RDM vision, roles, and responsibilities

- are defined in the [Policy for Research Data Management at TU Wien](#).

RDM terminology and information

- can be found on [forschungsdaten.info](#), for example, in the [glossary](#)
- and on our website in the [RDM info & tips](#) section.

Good scientific practice and research ethics

- Follow the TU Wien [Code of Conduct](#) - Rules to Ensure Good Scientific Practice.
- Consider the ethical aspects of your research data and address any concerns or questions on requirements and ethical reviews to the Service Unit [Responsible Research Practices](#).

Data management plans (DMP)

- [DMPs](#) provide an early snapshot of the research data in your project.
- They can be easily created with the [TU Wien DMP Tool](#).
- DMPs also address [ownership](#) and [licensing](#) topics related to your research output.



Special rules apply to students

Check our [guide for students and their supervisors](#) for the publication of research data generated during a thesis or other study-related activities.

We also recommend using our [agreement templates](#). They were created together with the Service Unit of Research and Transfer Support.



TIP: In the course [Introduction into Research Data Management](#) (3 ECTS), students receive training on the basics of RDM.

Data protection and security

- Consult [Data protection at TU Wien](#) when collecting and processing personal data.
- Follow TU Wien's [guidance document on informed consent](#).
- Use privacy-protecting tools, such as [TUsurvey](#), to conduct online surveys.
- Familiarise yourself with the rules and recommendations for [anonymisation](#).
- Take measures to ensure [IT security](#) to avoid data leaks and losses.

Repositories

- Use discipline-specific data repositories or [TU Wien Research Data](#), the data repository of TU Wien, for the publication and long-term storage of your data.
- Use GitHub or [TUgitLab](#) for software development and version control.



Welcome to TU Wien Research Data

TU Wien Research Data is an institutional repository of TU Wien to enable storing, sharing and publishing of digital objects, in particular research data. It facilitates the funders' requirements for open access to research data and the FAIR principles by making research output findable, accessible, interoperable and re-usable. It is developed by the [TU Wien Center for Research Data Management](#) and hosted by [Campus IT](#).

The repository uses persistent identifiers and synchronises with data hubs: DataCite, OpenAIRE, and BASE. Thus, it maximizes the visibility of the uploaded content. TU Wien Research Data is also listed in [FAIRsharing](#) and [re3data](#) - registries many funders refer to.



Deposit



Search



FAQ



Contact

Good to know: [The FAIR principles](#)

The FAIR principles state that research data should be **findable**, **accessible**, **interoperable**, and **reusable**. They form the basis for the reuse of data across disciplines and countries.

The FAIR principles apply to all digital data generated in scientific projects, including metadata, algorithms, tools, and software.

Data that meets the FAIR principles can – but does not have to – be Open Data and thus available to everyone. The FAIR principles also allow data access restriction, which can be useful or even necessary in certain cases.



FAIR in practice

- Publish data in dedicated [data repositories](#) and not on your personal or project websites. Ensure the published data is provided with a [license](#), is citable, and has a [persistent identifier](#), for example, DOI.
- Use [file formats](#) that are recognised in your field of research and, if possible, open, for example, CSV and JPEG.
- Ensure that your data can be understood by others by using [controlled vocabularies](#) and providing good [documentation](#) and [README files](#).
- Consider FAIR from the beginning and describe in your project proposals how you implement Open Science practices and the FAIR principles in your project. Our [DMP handbook](#) can help.



Contact

Please contact us if you have questions or need additional advice!



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