

Introduction to Research Data Management

Background

Knowing how to manage and organize research data is one of the most important prerequisites for ensuring the quality, durability and reproducibility of your data over time. Moreover, many funding agencies, such as the Swiss National Science Foundation and the European Commission with the Horizon 2020 research and innovation programme, require grant applicants to build a data management plan in order to receive research funding. This introductory course will show you the keys for developing the essential knowledge, resources and skills to optimize the management of your research data.

The objectives of this workshop are the following:

- ✓ To acquire the fundamentals regarding research data management and discover the resources at your disposal to better manage your data
- ✓ To be familiar with best practices regarding research data management
- ✓ To grasp the benefits of these practices and better learn how to respond to the new requirements of funders
- ✓ To know benefits of data sharing and choose repositories according to funder requirements
- ✓ To know the steps and tools to optimize your research data management plan
- ✓ To share your experience with your colleagues

Methods and Tools

Participants will be asked to fill out a questionnaire before the workshop starts, so that the trainers can adjust the contents according to the experience and knowledge level of the group. The interactive workshop will be focused on the participants' personalized needs and questions. We will mention possible software tools for different steps in the data management process, but we will not give introductions or guidance on specific tools. However, participants are welcome to share their experience with tools they use.

Participants will be asked to write a partial data management plan between day 1 and 2.

Trainers	Research Data Management Team, University Library Bern
Target Group	Postdocs and PhD students from all fields of research interested in learning about research data management and research data management plans.
Language	English
Date	21.04.2020, 9 am – 3 pm 28.04.2020, 9 am – 3 pm
Location	University Main Building, Hochschulstr 4, Room 028
ECTS	0.5 recommended
Requirements	Participants should bring their own laptop.
Further Information	Material related to the course will be distributed after the course.