

COFFEE



LECTURE



Research data management guideline – what's up?



Dr. habil. Olga Churakova



Dr.-Ing. Federico Grasso Toro

Open Science
Research Data Management
Library UniBE

Thursday
16.05.2024
13:00, Zoom

- Background:
 - Support at UniBE
 - Initiation of the Research Data Management (RDM) guideline
- Purpose and scope of the RDM guideline
- Description of guide content
- Support options

Data Stewards Support in Research Data Management

**HUMAN
SCIENCES**

DR. CHRISTINE KREBS



**MEDICINE &
VETERINARY
MEDICINE**

DR. HABIL. OLGA CHURAKOVA



**NATURAL
SCIENCES**

DR. MARTIN WEGMANN



**DATA
SCIENCE &
IT**

DR.-ING. FEDERICO GRASSO TORO



**BUSINESS,
ECONOMICS &
SOCIAL SCIENCE**

JENNIFER MORGER



**HUMANITIES,
LAW &
THEOLOGY**

URSULA LOOSLI

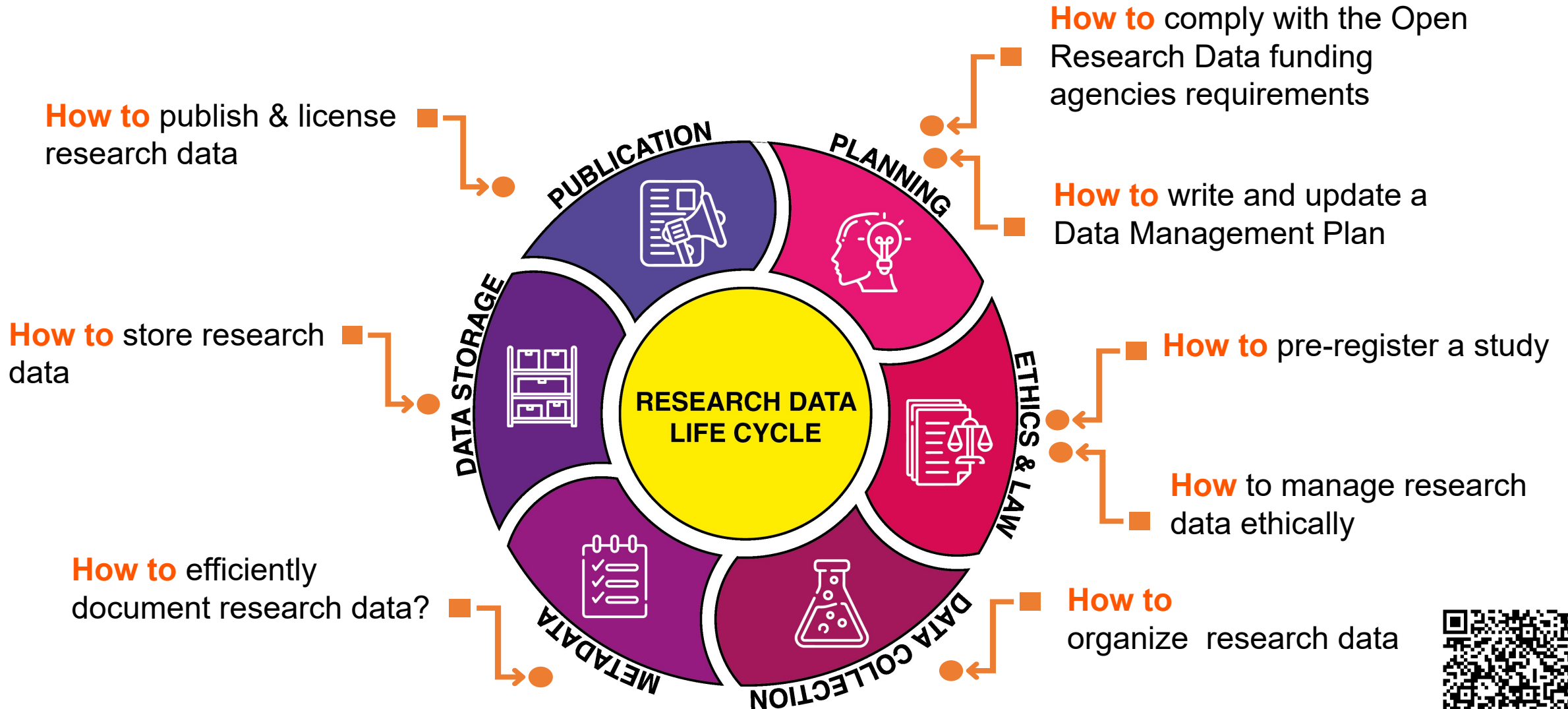


**HUMANITIES,
LAW &
THEOLOGY**

DR. GERO SCHREIER



u^b Training and Support



Data Documentation Guideline

Background

Initiation: Scientific Integrity, confidentiality, and documentation. Institute of Tissue Medicine and Pathology (IGMP) and Data Stewards, Open Science Team

- Scientific integrity (e.g., falsification, fabrication, plagiarism)
- Scientific confidentiality (e.g., unpublished data)
- Research data management and scientific documentation
- Research involving data and bio-samples from patients, and experimental animals
- Hand-over of notebooks, protocols, bio samples and critical reagents at the end of the contract
- Addendum (information for the student needs to be aware of)
- Research data and projects publication (e.g., Data Management Plan, data repository)

[Recommendation on research data documentation from the Open Science Team \(PDF, 141KB\)](#)

u^b

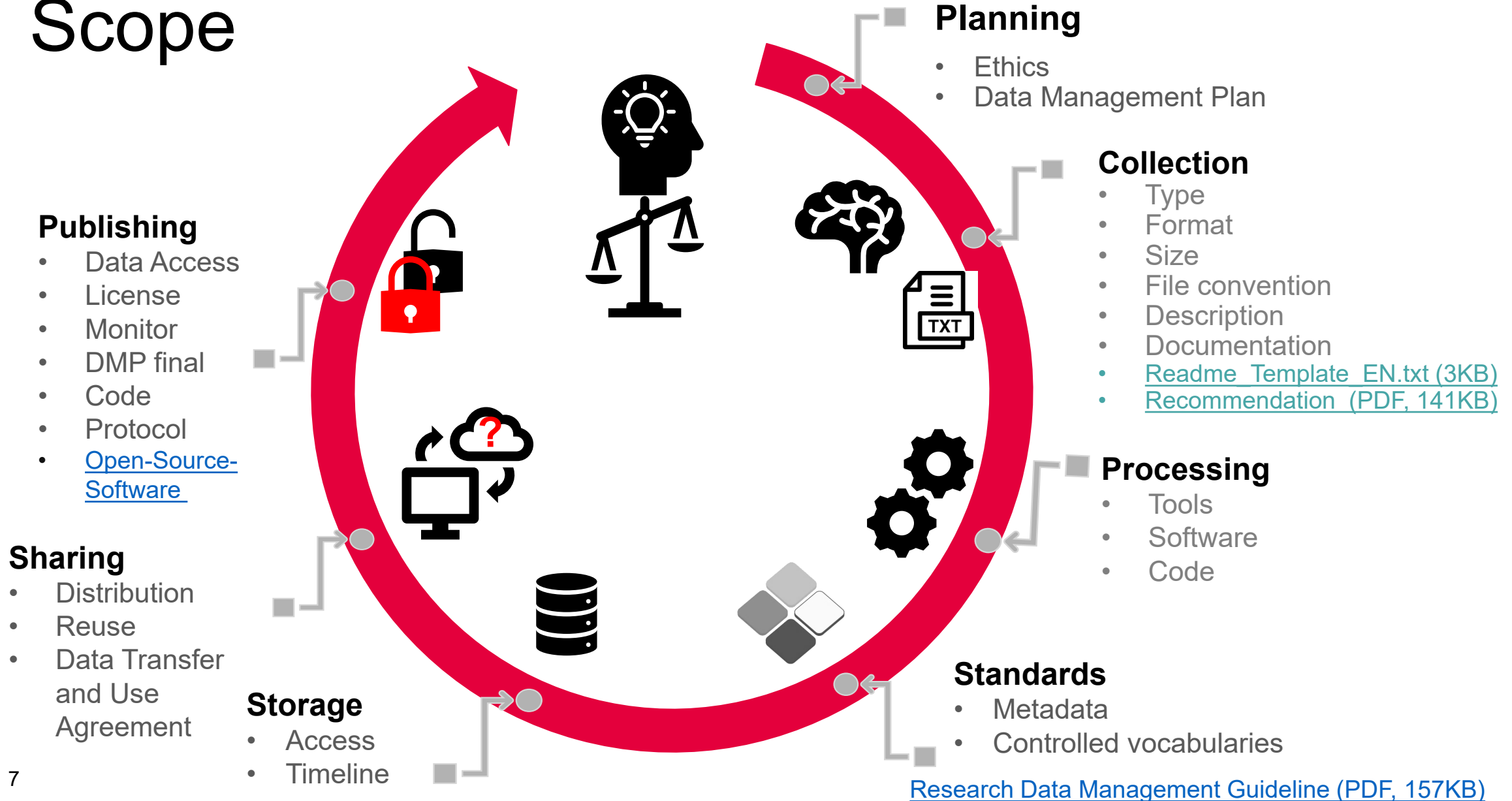
Research Data Management Guideline

Purpose

The purpose of this guideline is to **assist researchers** across various disciplines at the University of Bern and Insel Hospital in **managing their research data effectively throughout the entire project life cycle.**

Research Data Management Life Cycle

Scope



u^b

Research Data Management Guideline

Content

1. Planning of Research Data Management
2. Data collection and processing
3. Data documentation and metadata
 - [Readme Template EN.txt \(3KB\)](#)
 - [Recommendation on research data documentation \(PDF, 141KB\)](#)
4. Data storage, security and backup
5. Ethical, legal and security issues
6. Publication of Research Data, Programming Code and Software
7. Annexes: On Support, Tools, Resources

Research Data Management Guideline

Annexes

Annex A: Support at the University of Bern

Annex B: Data documentation

Annex C: Tutorials for SNSF Data Management Plans (DMPs)

Annex D: Data Management Plan (DMP) tools

Annex E: Other Research Data Management online sources / tools

u^b

Research Data Management Guideline

Annex A: Support at the University of Bern

A1. Open Science Research Data Management

A2. Legal Services Office

A3. IT Security ([IT Security Officer CISO](#))

A4. [IT-Service at the University of Bern](#)

A5. [Unitectra](#)

u^b

Research Data Management Guideline

Annex A: Support at the University of Bern

A6. [Animal welfare Office](#)

A7. Research Management Office ([RMO](#))

A8. Research Integrity and Ethics

A9. Insel Hospital, Directorate for Teaching and Research ([DLF](#),DE)

A10. Clinical Trial Unit ([CTU](#))

u^b

Research Data Management Guideline

Annex D: Data Management Plan tools

Drafted DMPs can be offline template or made using Web based DMP tools

DMP Tools containing **templates** and providing **guidance**.

Some allow **collaboration** and/or **tracking progress**.

Something to consider while choosing a DMP Tool:

- Check what DMP tool is recommended or provided by your funding agency.
- Check what DMP tool is recommended or provided by your institute.
- Make sure that the tool you choose includes the DMP template that you need.

To produce a machine-readable/actionable DMP, make sure the tool allows **exporting** to formats such as **JSON**, rather than only as a **PDF** document.

u^b

Research Data Management Guideline

D1. List of the online DMP tools

The Research Data Management toolkit for [Life Sciences RDMkit](#)

Useful [links to some tools and resources](#)

The Open Science Data Stewards Team recommendation for the tools in Research Data Management (Link [RDM](#))

Specific **DMP Tools**:

- *Tool 1: DMP Canvas Generator:* [DMP Generator \(vital-it.ch\)](#)
- *Tool 2: DMP online:* [DMPonline \(dcc.ac.uk\)](#)
 - [Training: Search results - TeSS \(Training eSupport System\) \(elixir-europe.org\)](#)
- *Tool 3: Argos:* [Argos \(openaire.eu\)](#)
 - Training: [Argos - User Guide \(openaire.eu\)](#)

u^b

Service and Support

Webpage: [Research Data Management Support](#)



Newsletter: <http://www.unibe.ch/ub/osnews>



Survey: Yours suggestions <http://tiny.cc/rdmsurv>



Contact

Dr. habil. Olga Churakova

E-Mail: olga.churakova@unibe.ch

Contact Point:

Medicine, Veterinary Medicine, Insel



Dr. -Ing. Federico Grasso Toro

E-Mail: Federico.Grasso@unibe.ch

Contact Point:

Data Science and IT



Thanks



**for your
attendance**

u^b

b
**UNIVERSITÄT
BERN**

Next Coffee Lectures, slides and screencasts:



[http://
bib.unibe.ch/scimed](http://bib.unibe.ch/scimed)

**Research Support Services
Science and Medical Libraries
University Library Bern**
frnat.ub@unibe.ch
support_med.ub@unibe.ch

Thanks



**for your
attendance**

u^b

b
**UNIVERSITÄT
BERN**

Now there is time for...

Questions & Discussion

Research Support Services
Science and Medical Libraries
University Library Bern
frnat.ub@unibe.ch
support_med.ub@unibe.ch