Research Data Management (RDM)

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Who am I?

| 👤 | Lucia Forrova |

| 💼 | Data Steward |

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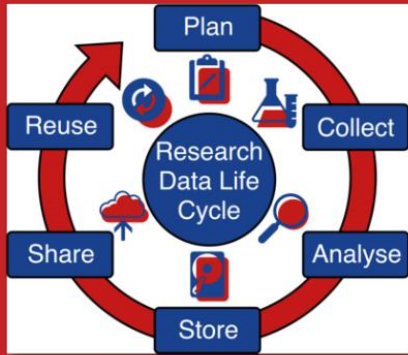| ✉ | rdmsupport@tue.nl |

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What to expect from Data Bites?

Learn about RDM

Quick sessions

Informal setting

We keep it simple

Why should you care about Research Data Management?

Your research is extremely valuable but only if

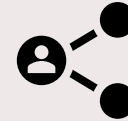**a proper research data management is maintained**

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Research Data Management elements

Documentation and metadata

Safety, storage, and backup

Data sharing

Project continuity

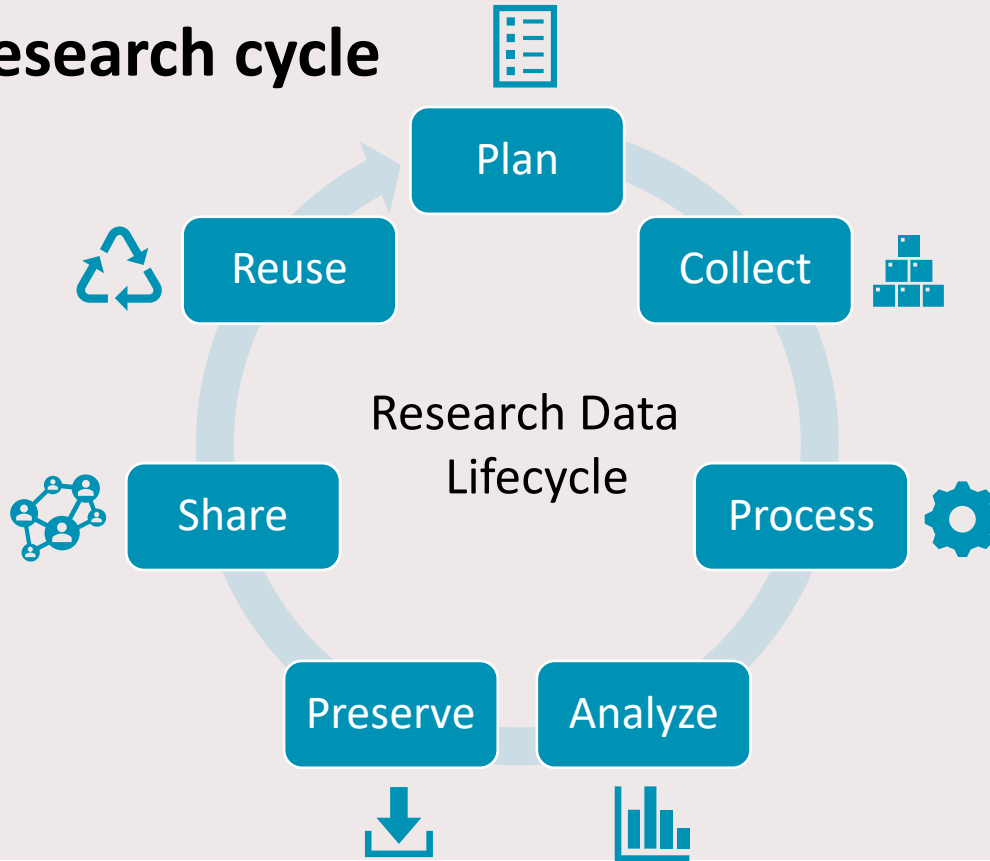Ethics and legal compliance

Project integrity

Reusable data

Responsibilities and resources

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RDM in research cycle

Research Data Lifecycle

Plan — Collect — Process — Analyze — Preserve — Share — Reuse

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Why RDM? – Internal motivators

| Reduces risk of data loss | Recognition | Higher quality | Collaboration | More efficient science |

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Why RDM? – external motivators

Scientific Integrity
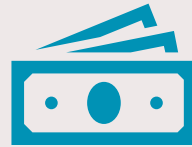
Ethics & privacy regulations

Funder requirements

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Data management plan

Document capturing your RDM plans for a project

Required by funders

Not obligatory at TU/e, but highly recommended

Your research is your legacy

Research Data Management can help you take care of it

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Best practices in RDM

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Documentation

METADATA

README FILE

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Data Organization

FILE NAMING

FOLDER STRUCTURE

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Data Storage

TU/E RECOMMENDED
SOLUTIONS

BACKUPS

VERSIONING

Data Security

ACCESS CONTROL   ENCRYPTION

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Data Preservation

LONG TERM STORAGE
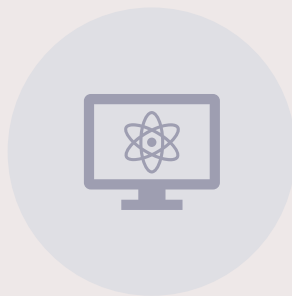

DATA RETENTION

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Sharing and collaboration

LICENSING, TERMS OF USE

PLATFORMS

STORAGE

Compliancy

ETHICS

PRIVACY

FUNDER
REQUIREMENTS

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Training and awareness

KNOWLEDGE SHARING

TRAINING SESSIONS

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Resources

[Research Data Management TU/e website](#)

[TU/e Storage Finder](#)

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A proper RDM is fundamental to enhance the

efficiency, reliability, and impact

of your research.

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Thank you for your attention ☺

Let's discuss (?)

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Are there any challenges you have faced in managing research data?

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What could stimulate or incentivize you to adopt robust RDM practices?

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What RDM topics do you feel are important, but you do not have enough knowledge about?

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Upcoming Data Bites

29 February
11:00-11:30
Vertigo 6.06

Working towards Open Science and FAIR

28 March
11:00-11:30
Vertigo 2.32

How to: Metadata and Documentation

25 April
11:00-11:30
Vertigo 2.32

Version control in action

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