Research Data Management Practices at University of Tartu

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Open Science in the University of Tartu

- Data Librarians 2014
- DataCite, COAR, Repository 2015
- Student course, RDM Survey 2016
- Mandatory Open Access in Estonia (someday)
Study

“Research Data Management and Sharing Practices among the University of Tartu Researchers and Doctoral Students in the Fields of Natural and Exact Sciences and Social Sciences” (Neerut 2016)
Aim of the study

Find out how research data is:
Collected → Preserved → Shared → Reused

Develop RDM services

Raise awareness about the RDM topic

Direct attention to the role of the library in RDM
Target group

Researchers
PhD students

Faculty of Science and Technology
Faculty of Social Science
Method

Online questionnaire (LimeSurvey)

Between 09.03-29.03.2016

Quantitative descriptive study (SPSS)
Sample

391 responses (22% of staff members)

43% natural sciences
17% social sciences
40% not specified

35% researchers
23% graduate students
42% not specified
Findings
Attitudes to data sharing

67% want to preserve their data indefinitely

81% believe others could be interested in my data

68% share their data with others
Q: Why data sharing?

A: Increases opportunities for cooperation
Contributes to the development of my field
Improve reproducibility
Supports open access to knowledge
Enables cross-sectional studies
Helps to teach the future researchers
Minimises excessive collection of data
Protects the data from fabrication and fraud
Only 48% of researchers add metadata
Data Sharing

On request

To colleagues and partners

Physical data medium or e-mail

Only **9%** use repositories
27% of researchers experienced data loss
Q: How do you store data?

A:

Workstation 47%
Personal computer 37%
Hard drive 27%
Paper 21%
48% never heard of Data Management Plan

6% have prepared Data Management Plan
Concerns

Ethical and legal aspects related to the sharing and re-using of research data

Data repositories

Research data management

Drawing up of the data management plan

How to get a DOI for a dataset
Conclusions
Summary

Researchers are ready to share their data, but the sharing is still rather sporadic.

Researchers are not sure how to manage and archive their data.

Lack of information and skills in creating metadata.

Need of advice on legal issues, data citations, and DOI.
Progress so far

- Joined OpenAIRE, COAR, DataCite
- Taught PhD students aspects of RDM
- Developed OA information webpage and repositories
- Promoted DataCite and DOI, Data Management Plan, Horizon2020 data pilot guidelines
- Cooperated with Estonian Research Council on the RDM topic
Next steps

Create a data champions community

Improve the data infrastructure in the university

Create full e-course on RDM next year

Actively engage Open Science Policy stakeholders

Expand research support team
Thanks!

Any questions?
You can reach me via lilian.neerut@ut.ee
Credits

http://www.slidescarnival.com/titania-free-presentation-template/949
https://commons.wikimedia.org/wiki/File:%D0%A2%D0%B0%D1%80%D1%82%D1%831999.jpg
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