Research data management training in University of Eastern Finland

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University of Eastern Finland (UEF) Library has put effort into providing support for researchers on open science and research data managing. The library supports the researchers in all phases of research data management: planning, documenting, storing, and sharing data. Developing research data management training has been one of the key issues.

Upskilling library staff

The UEF Library has strongly focused on improving research data skills of librarians in recent years. Some of the library work has been reorganised and teamed up, also some new recruitments were made related to open science and research data. Library's Research Support Team specialises in offering services to researchers.

Reskilling the library staff has been crucial to take on the new data related tasks. Library provides RDM training and support for data management planning, including for example data management plan commenting service. Librarians have enhanced their data skills in national and international seminars, trainings and with open materials. Collaborative training and learning has been significant in the process of learning and developing the data services of the university. Library collaborates with IT services, research funding experts, Data Protection Officer, university lawyers and of course researchers. National networks and open science workgroups are crucial for developing RDM skills and training in collaboration.

Digital tools in training

Digital work is common in UEF as the university is located on two campuses in two cities. We use digital tools and activating methods in teaching to enable flexible ways to participate, activate participants to share their questions and experiences, problems they have encountered and also the good practices of RDM. Commonly questions relate to writing data management plan, storing and sharing of research data and managing sensitive data.

What are the essential RDM skills for master students? Share your opinion:
padlet.com/ankarhap/rdm

RDM training provided by library

Training for UEF researchers

✓ Researchers can choose training of their interest and participate online or invite library specialist to their department. **See: bit.ly/2y7Am6V**. Trainings include e.g.:

    ✓ **Data management plan training and workshops,** the main contents of data management plan and UEF guidelines to data management

    ✓ **Open research data**, how and where to open research data.

For doctoral students Research Information Retrieval and Management course:

✓ Consists of 7 modules of which students choose 4 modules

✓ Teacher teams are in charge of the modules

Research Information Retrieval and Management (2 cp)	
1. The Basics of Information Retrieval	5. Assessment of Research Impact and Bibliometrics
2. Discipline-Specific Information Retrieval	6. Research Data Management
3. Reference Management	7. Researcher Visibility, Networking and Altmetrics
4. Publishing	

Course material is openly available (CC-BY) bit.ly/reinre

Module 6: Research Data Management

✓ Online self-study

✓ To complete this module students:
    1) Acquaint themselves with the study material
    2) Create a DMP preferebly using online tool DMPTuuli
    3) Peer-review a DMP of a fellow student

Teaching of master degree students

✓ Open science is included in the content of subject-specific information retrieval courses

✓ Library is planning a new course where research data management skills are included. We invite poster viewers to contribute their thoughts on what aspects of RDM are essential especially for master degree students.