Research Data Management training and support services at ETH Zurich and EPF Lausanne: Lessons Learned, Best Practices, and the way forward

Author(s): Sesartic, Ana; Dieudé, Aude

Publication Date: 2017-03-16

Permanent Link: https://doi.org/10.3929/ethz-b-000166216

Rights / License: Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International
Research Data Management Training & Support Services at ETH Zurich & EPFL

Lessons Learned, Best Practices, and the Way Forward

_Aude Dieudé, PhD - Ecole Polytechnique Fédérale de Lausanne (EPFL)_,

_Anna Sesartic, PhD - ETH Zurich (ETHZ)_.

swissuniversities
Track 1
DMP, Policies & Guidelines

Track 2
Active Research Data Management

Track 3
Publication & Long-term Preservation

Track 4
Training & Expertise

Track 5
Awareness & Communication

DLCM Project
Collaboration

• Initial work by EPFL Library (Track 1 Leader) in 2015
• Data Management Checklist co-development with ETH Library
• Inspired by DMPs from many institutions and organizations all over the world
• Collaboration extended to all 8 DLCM partner institutions for input and insights
• Feedback from DLCM participants during the three track 1 workshops in 2016
• Presentation of the deliverables during the DLCM conference on November 29, 2016 taking place at the EPFL Forum located at the Rolex Learning Center
Research Data Management Training

Create

Process

Analyse

Preserve

Re-use

Adapt good formats for data and metadata

• Reproduce research results
• Encourage collaboration
• Re-use

Give Access

Promoting excellence in research and scientific integrity

• Sharing
• Improving visibility
• Enabling citability
• Secure long-term preservation

Reproduce research results
Research Data Management Training

At ETH Zurich
- 15 min coffee lectures
- 1.5 hour basic training
- Half-day workshop
- Tailor-made workshops and trainings on demand

At EPFL
- 4 annual one-day workshops open to all EPFL
- On-demand personalized workshop for PI
- 2 doctoral workshops on a voluntary basis
- 2 tailored EPFL Fellows compulsory trainings
- Monthly RDM Tour based on disciplines
- On-demand tailored RDM support service for research lab and their team
Research Data Management Checklist

Results

- Data Management Template and Data Management Checklist actively used for RDM training and consultation services such as the DMP personalized support service
- Positive feedback from researchers and training participants

Lessons Learned

- When two (or more) major institutions collaborate together, creating strong synergies and solid bridges to focus on the same objectives: positive difference
- Less competition and ego means more constructive collaboration for the common good while focusing on the priorities at hands: fruitful results
- The end result is more than the sum of its parts.
Lessons Learned

- Positive feedback from researchers
- Leading by example is important
- Personalized approach is rewarding
- RDM training leads to enhanced collaboration with scientists and better visibility for the libraries (win-win)
- Centralized and harmonized communication, sensitizing actions and quality support service are key to build momentum and trust
The Way Forward

- Harmonizing Data Management Template and Data Management Checklist for DLCM
- DMP Online / DMP Tool customized for Switzerland
- Collaboration with the DCC to do so
- Creation of a RDM MOOC and Lecture Series
- And much more: this is just the beginning
Thank you & food for thought

• What do you find striking?
• What would you recommend to add, change or delete?
• Do you have similar projects or initiatives planned or ongoing in your country, institution or organization?
• We value your ideas, feedback & insight to enlight us.

THANK YOU
Aude Dieudé, PhD
Ecole Polytechnique Fédérale de Lausanne (EPFL)
aude.dieude@epfl.ch

Ana Sesartic, PhD
ETH Zurich, ETH Library (ETHZ)
ana.sesartic@library.ethz.ch