L4RD Overview

Current Co-chairs: Andi Ogier, Birgit Schmidt, Juliane Schneider, Marta Teperek
Past Co-chairs: Kathleen Schearer, Michael Witt, Wolfram Horstmann

Wiki: https://www.rd-alliance.org/node/1633/all-wiki-index-by-group

- P2 Washington: First meeting as a BOF
- P3 Dublin: Research Data Skills in Libraries
- P4 Amsterdam: Research Data Solutions in Libraries
- P5 San Diego: Organizational Models for Data Services
- P6 Paris: Developing and Adapting to Research Data Policies
- P7 Tokyo: Applying Global Information-sharing and collaboration to Local Practice
- P8 Denver: International Data Week
- P9 Barcelona: Bringing Research Data Management into the Library Mainstream
- P10 Montréal: Realities and Assessment of Library Data Services
- P11 Berlin: From data services to research partnerships: Libraries facilitating knowledge creation
Today’s Agenda

1. Welcome and Introductory Remarks (10 min)
2. Working with Disciplinary Communities (35 min)
   a. Chris Erdmann, NCSU: Outcomes of study on data science in libraries
   b. Marta Teperek, TU Delft: Data Stewards
   c. Natasha Simons, ANDS: Working with Disciplinary Communities in Australia
   d. Irena Vipavc, CESSDA: Expert Tour Guide
3. BRAINSTORMING Topics (20 min)
4. Summaries from Breakouts (10 min)
5. Next Steps & Planning for P12 (5 min)

[Abstract](#) | [PDF](#)

IMLS RE-43-16-0149-16
Data Stewardship at TU Delft – case study

Marta Teperek, Research Data Alliance, 23 March 2018
About me

Marta Teperek
Data Stewardship Coordinator
Technical University Delft
m.teperek@tudelft.nl
@martateperek
Data Stewardship at TU Delft

Slides are available:
https://doi.org/10.5281/zenodo.1205243
Four major principles:

Excellence, Impact, Engagement and Openness

Good data management is a necessary prerequisite to Open Science
Strategic support for Data Stewardship

Central funding to kick-start Data Stewardship at TU Delft

• 3 years: start of 2018 - end of 2020
Key principles behind the project

• Research is central

• Data stewards are consultants, not police!
  – Objective: improve culture (not compliance)
Research is central: importance of disciplinary support

Subject-specific Data Steward at every Faculty
Is one data steward per faculty enough?... Let’s have a community of Data Champions!
Data Stewardship – working openly

Open Working
An Experiment in Open Working from 4TU Centre for Research Data & TU Delft Research Data Services (Note! This is a test site)

Data Stewardship
This page gathers all the news and updates about the Data Stewardship project for improved navigation and visibility.

Project deliverables

- Data Management survey results at the Faculty of Aerospace Engineering – by Heather Andrews, published on 14 February 2018
- Do as you preach: results of 2017 data management survey now published – by Jasper van Dijck, published on 7 February 2018
- Views on Data Stewardship – report of preliminary findings at TPM faculty – by Marta Tepercek, published on 29 January 2018
- 3 months' Data Stewardship Progress Report at the Faculty of Civil Engineering and Geosciences – by Kees den Heijer, published on 26 November 2017
- 1.5 months’ Data Stewardship Progress Report at the Faculty of Aerospace Engineering – by Heather Andrews, published on 26 November 2017
- 4 months' Data Stewardship Progress Report at the Faculty of Electrical Engineering, Mathematics and Computer Science – by Minnie van der Krayk-Delisbey, Robbert Eggenmont and Jasper van Dijck, published on 25 November 2017
- Update on the Data Stewardship project at TU Delft: 3 months’ progress report – by Alastair Dinning and Marta Tepercek, published on 26 November 2017

Project updates and planning

- 5 Data Steward Positions – by Marta Tepercek, published on 29 October 2017

https://openworking.wordpress.com/data-stewardship/
And happy to share experiences 😊

Towards cultural change in data management - data stewardship in practice

by Research Data Services, TU Delft Library

Free

Invitation to collaborate
Challenge: How to know if the approach helps achieve cultural change?
Challenge: Does the approach offer good value for money?

• TU Delft:
  – central library support + dedicated Data Stewards

• École polytechnique fédérale de Lausanne
  – national support, central support + liaison librarians

• Cambridge
  – central support + data champions
Would this RDA group be interested in taking this further?

• Could we compare different models of engagement?
  – Are there differences?
  – Pros and cons? Value for money?
  – Suitability to different settings?

• Could we at least collect case studies with innovative approaches to data stewardship?
Questions? Feedback? Suggestions?

m.teperek@tudelft.nl

@martateperek

Slides:

https://doi.org/10.5281/zenodo.1205243
**Short** survey to assess data management culture

- Based on the Data Asset Framework principle, but substantially shortened
- Internal and external benchmarking tool
  - **Re-do** on a regular basis
Short survey to assess data management culture

- 10 short, compulsory questions
  - + institution-specific questions on top
- 5 mins to complete the survey

Primary questions

1. Is your research data automatically backed up? (compulsory, multiple choice)
   - Yes
   - Not sure
   - No

2. Did you lose any research data in the past year? (compulsory, multiple choice)
   - Yes
   - Not sure
   - No

3. How frequently do you have problems finding a specific research data file in your collection? (compulsory, multiple choice)
The tool & data are publicly available

https://osf.io/mz3fx/
Building skills in disciplinary communities in Australia

Natasha Simons

Libraries 4 Research Data IG, RDA Plenary 11

Berlin, 23 March 2018
The ANDS/RDS/Nectar partnership

- Australian National Data Service (ANDS)
- Research Data Services (RDS)
- National eResearch Collaboration Tools and Resources (Nectar)

*All funded by the Australian Government through the National Collaborative Research Infrastructure Strategy (NCRIS) program

**Our aims**

Our aims are to make significant progress on four key transformations of the Australian research sector:

- A world leading data advantage
- Accelerated innovation
- Collaboration for borderless research
- Enhanced translation of research

The ANDS/RDS/Nectar partnership

Our programs for 2017/18 include:

• **Research Domain Program:** Responding to research domain and research community data infrastructure needs.

• **Research Data Platforms:** Underpinning compute, storage and services infrastructure to support the data and informatics needs of Australian research and industry.

• **Sector-wide support and engagement:** Planning, coordination and leadership to further policy development, international engagement, progress a national skills strategy and support the building and sharing of data assets across the sector.
Skills, Policy and Resources program

**Focus:** skills for research data and skills to use research infrastructure

**Target audience:** librarians, researchers, research support staff, technical analysts, research software engineers and more...

- **Skills development** e.g. ANDS 23 (Research Data) Things, Data Science Winter School, Train the (data) Trainer workshops series, webinars on topical issues e.g. trusted data repositories, data visualisation,
- **Policy** e.g. contribute responses to funder and government policy briefs; international policy development e.g. via RDA groups
- **Resources development** e.g. Guides and website resources
- **Support communities of practice** e.g. DMP IG. Monthly Tech Talks

From 23 to 10 (discipline) Things

• 23 (Research Data) Things
  *Available to reuse, repurpose*

• 10 Health and Medical Things
  *Developed by ANDS, Nectar, RDS*

• 10 Marine Science (Research Data) Things
  *Developed by librarians at Edith Cowan University, Western Australia*

• 10 Astronomy Things
  *Developed by Astronomy Australia Limited’s ADACS (Astronomy Data and Computing Services)*

The Data Enhanced Virtual Laboratory (DEVL) and Research Data Cloud (RDC) Programs: 2017-2018

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<tr>
<th>DEVL ($440K)</th>
<th>RDC ($600K)</th>
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<tr>
<td>Geosciences</td>
<td>Terrestrial Ecosystems</td>
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<td>Marine</td>
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<td>Characterisation (Materials)</td>
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Delivering domain skills via funded projects

Example: Ecology skills

Champions Program
*Training via a 2-day workshop developing tools and knowledge to use research infrastructure to explore species data and their relationships with their environment. The champions will incorporate these in their work and re-deliver education materials in their own institutions.*

Digital Pathways series
*EcoEd provides cohesive training and skill development to university lecturers and researchers enabling them to combine theoretical concepts with real-world applications into undergraduate and postgraduate curriculum.*

Top 10 Eco Science Things
*Available publicly for anyone to use*

Delivering domain skills via funded projects

Example: Bio Science skills

FAIR Data Training
Will be delivered to project team. Training via 3 x zoom (virtual) sessions to “community hubs”. Session 1 on Findable, Accessible. Session 2 on Interoperable, Reusable. Session 3 hands-on workshop: how to make the Bio Science infrastructure platforms more FAIR.

Train the Trainer program
To expand data literacy for biologists, the roll-out of a combined face to face and virtual training program (using local trainers that have been previously been trained and a lead trainer leading a national session virtually with participating sites - as developed previously by the EMBL-ABR network: the “Apollo model”)

Self-paced materials
The development of further self-paced online training material through the development of at least one MOOC-like Online Course.
Some learnings so far

• Identify domain needs in conjunction with domain partner institutions, domain researchers
• Develop training materials in conjunction with domain partners
• Test training materials with domain researchers
• Think about what success looks like and how to measure it
Thank you!

Natasha Simons
Program Leader, Skills Policy and Resources | Australian National Data Service
Industry Fellow | The University of Queensland

T: +61 7 3346 9991 | E: natasha.simons@ands.org.au | W: ands.org.au
ORCID: https://orcid.org/0000-0003-0635-1998 Tw: @n_simons
Training at CESSDA: Involvement of librarians

Irena Vipavc Brvar

CESSDA Training WG Leader

European Diversity of CESSDA SPs

3 primary communities:
- Data producers
- Data users
- Professionals at Service Providers

-> Train the research community throughout the research lifecycle.

Consortium of European Social Science Data Archives

16 +1
Expert tour guide on Data Management

cessda.eu/DMGuide

Librarians could Support researchers

Obstacles:
- lack knowledge
- confidence
- overloaded

Local diversity

Expert tips

social scientists

Presentations and exercises
Role of librarian in RDM

• Provides information about the availability of existing data sources.
• Supports preparation of formal DMPs.
• Provides information about options to deposit data in a data centre or data archive.
• Provides information about open access conditions and advantages.
• Provides support with preparation of basic study metadata and documentation, author’s rights, and explains other deposition requirements.
• Provides information about accessioning datasets into a bibliographic system for the purpose of scientific evaluation and resource discovery.
• Provides data citation guidance.
• Provides information about linking data with publications and research projects.

Future events and work

RDM Expert Tour Guide: Train the Trainers Workshop / 12 – 13 April / Ljubljana, Slovenia

Local RMD training events

CESSDA Workshop: Exploring data in Europe - with a focus on European attitudes and Value / 29 May / Prague, Czech Republic

Data Discovery workshop at 3 summer schools

CESSDA Data Catalogue

CESSDA Knowledge Platform
Brainstorming Session 30 minutes

- Introduction to Discussion Format (<5 min)
- Breakout (20 minutes) to brainstorm:
  - Topics
  - Formats (Webinar, Papers, Working Group)
  - Activities/Deliverables (Outputs)

Topic suggestions from survey:
- Incentive strategies for building University RDM
- Effective outreach/needs assessment

Output suggestions from survey
- Recommendations on customizing (library RDM) services for different disciplines