Yearly report on research data management (RDM) and data support activities in 2018 and plans for 2019

Year 2018 was a busy year for data support activities.

Reorganising data support

At the beginning of the year, there was a reorganization in which library personnel continued their work under new service units. Twelve information specialists started working in research services and in Open Science and ACRIS (OSA) team. Half of the team joined school teams of research services in addition to taking care of their other duties in the team (importing and validating publications in ACRIS, bibliometric analysis and maintaining publication platform).

In the school teams, the main tasks of OSA team members are advocating open access publishing, helping researchers with research data managing and opening data. OSA team also helps with data management plans (DMP) and EU reporting. In addition to collaborating closely with colleagues from other teams of research services, OSA team plans RDM activities in school level with data agents.

Data agents

Data Agents are researchers who work to improve data management in their department or school.. They are a first, practical, hands-on resource to researchers in their department. Below are the names of data agents and their counterparties in OSA team as of April 2019.

	Data agent	OSA team member
ARTS	Urszula Pawlicka	Leena Rantamäki
BIZ	No agent at the moment	Harri Maikola
CHEM	Mikhail Kuklin	Maria Söderholm
ELEC	Clemens Icheln	Laura Mure
ENG	Dan Häggman and Mika Jalava	Taija Tuoresjärvi
SCI	Richard Darst and Enrico Glerean	Antti Rousi

In addition, both pre and post award teams of research services offer guidance on RDM as a part of their advising on funding applications.

Research data management working group

Research data management working group coordinates RDM planning and implementing at Aalto level. The group consists of personnel of research services, ITS and data agents. The objective of the group is to

- Increase the visibility and impact of Aalto research.
- Create a long-term vision for open science and research data management activities.
- Increase the awareness of the importance of RDM among Aalto community and plan and implement RDM services and training.
- Follow RDM development worldwide and in Finland in order to bring the best RDM practices to Aalto researchers, and participate in the national work.

RDM working group consists of the following people (April 2019)

- Ella Bingham, head of research services
- Anne Sunikka, head of OSA team

- Ilari Lähteenmäki, ITS
- Maria Rehbinder, RES, lawyer
- Antti Ruotoistenmäki, RES, grant writer
- Teppo Huhtio, RES, grant writer
- Anna-Kaarina Kaartimo, RES, post-award team
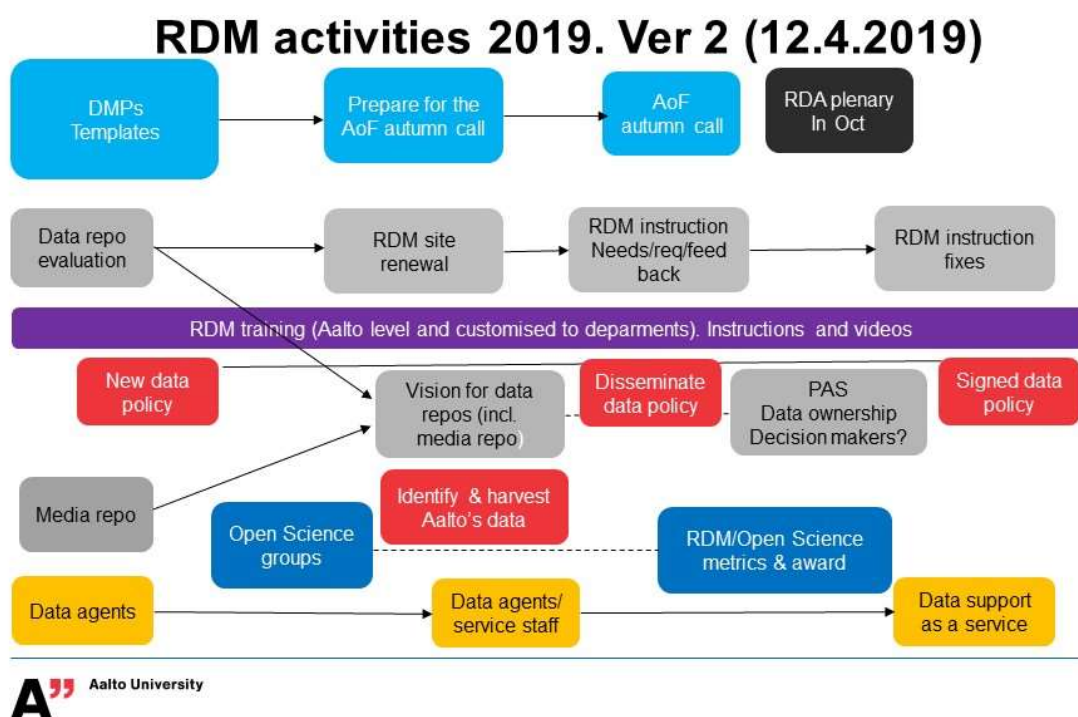
Data support activities in 2018

Below are the most important activities of 2018. Most of the events were carried out collaboration between OSA team and data agents.

ARTS	DMP - Special tips for ARTS Media lab and Department of Design, Antti Ruotoistenmäki and Maria Söderholm	10.1.2018
	Data & Art over coffee in Department of Media, Urszula Pawlicka-Deger, Ilari Lähteenmäki, Maria Rehbinder, Marika Sarvilahti	April – May 2018 (5 times)
	ARTS doctoral programme, Orientation Seminar: Open Science, ACRIS, Anne Sunikka, Leena Rantamäki, Kalle Tiitinen	11.9.2018
	Drop-in sessions, lectures on - Open data cultural heritage and finding openly licensed media on the web, Marika Sarvilahti - Copyrigt and CC-licenses, Maria Rehbinder - Funder requirements for open access publishing, Antti Ruotoistenmäki - Workshop of Wicked research and art & design cases in ACRIS, Kirsi Rinne	30.- 31.10. 2018
BIZ	Aalto BIZ Doctoral Programme, Orientation seminar 2018: Open Science, Anne Sunikka and Harri Maikola	3.9.2018
	Visiting researchers: ACRIS, open access and ORCID, Harri Maikola and Maria Söderholm	19.-21.11. and 23.11.2018
CHEM	RDM-session in the Aaltonaut Bachelor Thesis seminar (AAN-C2008 Research Project), Maria Söderholm	8.3.2018
	Open Access Road show at CHEM Open Access services was introduced, and the new manuscript-service was launched. During the five campaign days 120 PhD students, postdoctoral researchers and professors participated the face-to-face meetings and pop-up events.	23.4.-27.4. 2018
	Orientation day for CHEM postdoctoral researchers , Maria Söderholm	29.5.2018
ELEC/SCI	Open science, library services and publication platform – introduction session for ELEC doctoral students , Laura Mure	13.2.2018 and 23.10.2018

	Open access and ACRIS introduction to ICT services, Laura Mure			12.6.2018
ENG	Open Science road show in ENG Taija Tuoresjärvi and Maria Söderholm (OSA), Dan Häggman and Mika Jalava (data agents), Ilari Lähteenmäki (IT) and Claudia Dell'Era (grant writer) and Anna-Kaarina Kairamo (grant advisor) were involved. Sessions were organised in three buildings. Manuscript service was advertised. In addition, data support services were described.			4. – 6.9. 2018
SCI	OA and ACRIS training with SCI academic coordinators, Anne Sunikka and Laura Mure			22.5.2018
Aalto - level	Data Day			25.5.2018

10.00 - 10.30	Professor Eero Hyvönen, Director of Semantic Computing Research Group (SeCo) and HELDIG - Helsinki Centre for Digital Humanities	Linked Open Data Infrastructure for Digital Humanities in Finland
10.30 - 11.00	Richard Darst, Science-IT and data agents	Introduction to Research Data Mismanagement
11.00 - 11.20	Development manager Antti Tuomi-Nikula, Terveyden ja hyvinvoinnin laitos (THL) National Institute for Health and Welfare	Open data at THL: Resources, strategy and security
11.20 - 11.40	Development manager Arja Kuula-Luumi Tietoarkisto, Finnish Social Science Data Archive (FSD)	FSD - national resource centre for researchers and students
11.40 - 12.40	Questions and lunch break	
12.40 - 13.00	Lawyer Maria Rehbinder and data agent Enrico Glerean, Dept. of Neuroscience and Biomedical Engineering & Dept. of Computer Science	GDPR: What does it mean for a researcher?
13.00 - 13.30	Ilari Lähteenmäki, IT Services and Jessica Parland-von Essen, CSC - IT Center for Science	Core services for research data from EUDAT, Fairdata and Aalto
13.30- 13.50	Innovation advisor Janne Raula	Commercial licensing, open data or both?
13.50 - 14.10	Questions and a break with coffee and cookies	

	14.10 - 15.00	Open Science and ACRIS team	Open Access Publishing and ACRIS	
	14.10 - 15.00	Open Science and ACRIS team	Metadata, data citations and ORCID	
	14.10- 15.00	Grant writer Antti Ruotoistenmäki, Grand Advisor Anna-Kaarina Kairamo and data agents	Make data management planning both easy and useful for you!	
	14.10- 15.00	Lawyer Maria Rehbinder and data agent Enrico Glerean, Dept. of Neuroscience and Biomedical Engineering & Dept. of Computer Science	GDPR Workshop: Personal data? Handle with care!	

Data support plans in 2019

RDM activities 2019. Ver 2 (12.4.2019)

1. We are preparing for Academy of Finland autumn call by preparing DMP templates for different data types and arranging training events on DMPTuuli.
2. After the renewal of aalto.fi the RDM pages had to be updated and restructured.
3. After having arranged roadshows in school level and presentations in departments and research groups we arranged training at Aalto level and recorded the training.
4. New data policy is published in 2019.
5. Data repositories: The most used data repositories were evaluated. Planning for Aalto's media repository started. Efforts to identify data residing in international repositories by Aalto researchers were intensified.
6. Planning for rewarding opening data started.
7. The reorganisation of data support groups started by recruiting a full time data advisor for OSA team.