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Bridging the Gap: Research Data in Research Information Systems

May 2024

Overview

- Research information and research data management (RDM) at the University of Vienna
- Use cases and case studies
- Challenges and outlook

Research information and RDM at the University of Vienna

- u:cris research information system
 - Pure implementation since 2013
 - Persons, organisations, publications, activities, projects, prizes, press clippings
- Institutional repository PHAIDRA
 - Fedora-based software implemented 2008
 - Includes platforms for Open Access publications and theses
- Austrian Social Science Data Archive AUSSDA
 - Dataverse implementation since 2017
 - Consortium consisting of four Austrian universities

- RDM network
- Data stewards team

RDM policy of the University of Vienna

“5.2 Responsibilities of the University of Vienna

- a. Empowering organisational units, providing and maintaining appropriate means and resources for research support services.
- b. Supporting good and established scientific practices. This is enabled through the drafting and provision of data management plans, monitoring and support measures.”

University of Vienna (2021). [RDM Policy](#), p. 4.

RDM needs assessment at the University of Vienna

- Project e-infrastructures Austria:
 - Bauer et al. (2015). [Researchers and Their Data](#).
 - Kalová, Tereza (2020). [Forschende der Universität Wien und ihre Daten](#).
- Project FAIR Data Austria
 - Kalová, Tereza; Fürst, Elena (2023). [Interviews with PhD students at the University of Vienna on research data management](#).

Use cases and case studies

- Showcasing research data
- Needs assessment for research data management services
- Monitoring research data

Use case I: Showcasing research data

Goals:

- Enhancing researcher profiles (research portal, organizational/personal websites etc.).
- Mapping the relationship between different entities of the research process (researchers, projects, publications, data, etc.).
- Facilitating the findability of published research data.

Case studies:

- University of Erlangen-Nuremberg
- University of Innsbruck
- The Paris Lodron University of Salzburg

Use case II: Needs assessment for research data management services

Goals:

- Gaining new insights on how researchers manage research data (data types, repositories, licences etc.).
- Adapting or improving RDM support based on the existing (discipline specific) practices of researchers.

Case studies:

- Vrije Universiteit Brussels
- Radboud University

Use case III: Monitoring research data

Goals:

- Recognising research data as an output type in reports and evaluations.
- Increasing the significance of research data management in the evaluation of research activities.

Case study:

- The Flanders Research Information Space (FRIS)

Challenges and outlook

- Metadata for research data
 - Datasets vs. publications in Pure
 - Standardisation
 - Once only principle
- Evaluation policy
 - Intellectual capital report (“Wissensbilanz”): Standardised reporting instrument for all public Austrian universities
 - Standardising evaluations of researchers and departments across various disciplines

Thank you and get in touch!

Michael Greil

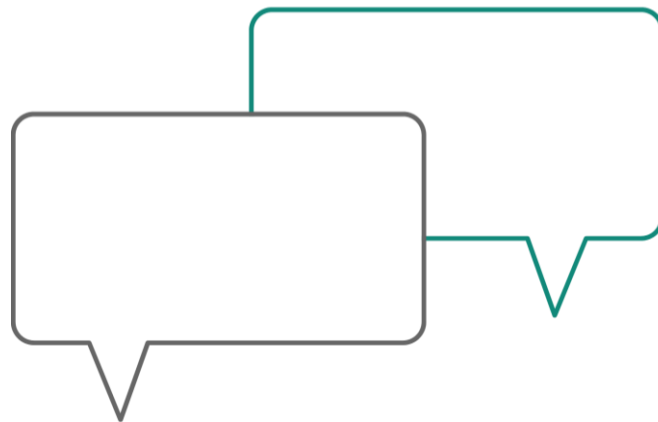
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[u:cris website](#)

[u:cris portal](#)



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