



# RDA's 23 Things as Research Data Management Support Tool in Slovenian University Libraries

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# RDA Node Slovenia

➤ Established in Feb. 2019 as part of the RDA EU 4.0 project (February 2019 – September 2020)

➤ AIMS:

- To **represent Slovenian interests** in the RDA Interest/Working groups and governing structures;
- To **raise awareness** of RDA activities, events and funding
- To promote **RDA's nationally relevant outputs**, recommendations, and ICT Technical
- To contribute to the implementation of the **policy of open access to research data**
- To **interact with national research funding bodies**, ministries, and other relevant government officials to influence the implementation of an effective and durable open research data policy and digital research agendas;
- To promote and support **data management best practices**
- To promote **data citation, sharing rewards** and crediting best practices amongst Slovenian publishers and stimulating the development of journal policies of research data deposit in connection to a paper publication.



# Activities of the RDA Node Slovenia

## Working groups

Coordination of **research infrastructure** / **RDM** support services / **Journal** data policies pilot project

### › Events

- › Open Research Data in Slovenia Conference and Workshop, Nov. 2019
- › Scientific Journals of Slovenia and Research Data Conference, Jan. 2020
- › **Research Data Management Workshop, March 2020** [↗](#)
- › Research Data and European Open Science Cloud, Final Conference of the RDA Node Slovenia Project, June 2020
- › **Workshop: Supporting Research Data in Libraries, Jan. 2021** [↗](#)

### › Documents and recommendations

- › Proceedings from the Open Research Data in Slovenia Conference ([in Slovenian](#))
- › [Guidelines for the implementation of scientific publishing policies of research data citation in scientific publications and assuring access to primary data, used in publications](#)
- › **23 Things for Librarians: Supporting Research Data** ([in Slovenian](#))
- › Overview of Slovenian Research Data Repositories ([in Slovenian](#))

Ongoing:  
Terminology

# 23 Things: Libraries for Research Data

**The Challenge:** Build capacity within the library community around research data management, ensure libraries are aligned with other research data management service providers, and share practices as new library services evolve and mature.

**What is the solution?** 23 Things: Libraries for Research Data provides an overview of practical, free, online resources and tools that librarians can begin using today to incorporate research data management into the daily practice of librarianship. Available in 12 languages, the resource groups 23 free, online resources to help librarians address issues on data management such as Metadata, Digital Preservation, Data Repositories, Data Licencing and Privacy or Data Citation.

Source: <https://www.rd-alliance.org/group/libraries-research-data-ig/outcomes/23-things-libraries-research-data-supporting-output>

- Originally published in 2016, updated in 2020
- Several translations are available
- ANDS Online Learning Toolkit
- 23 Things for Research Data Management tool by LCRDM



## 23 Things: Libraries for Research Data

An overview of practical, free, online resources and tools that you can begin using today to incorporate research data management into your practice of librarianship.

Research Data Sharing Without Barriers

RDA  
June 2016

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**Learning Resources**

Librarians are learning how to apply the principles of library science to solve problems and to provide new services related to research data.

A "top ten" list of recommendations for libraries to get started with research data management from LIBER, <http://bit.ly/RDATHing3>

Relevant concepts are presented and mapped in the [e-Science Thesaurus](http://bit.ly/RDATHing4), <http://bit.ly/RDATHing4>

Understanding the life of research data with the [DCC Curation Lifecycle Model](http://bit.ly/RDATHing3), <http://bit.ly/RDATHing3>

**MANTRA** online training modules for librarians, <http://bit.ly/RDATHing4>

Read the most current literature in the [Digital Curation Bibliography](http://bit.ly/RDATHing3), <http://bit.ly/RDATHing3>

**Learning Resources**

Data Reference and Outreach  
Data Management Plans  
Data Literacy  
Citing Data  
Data Licensing and Privacy  
Digital Preservation  
Data Repositories  
and a Community of Practice

*...to help librarians engage in research data management!*

10. Questions about data answered by experts on the [DataQ forum](http://bit.ly/RDATHing3), <http://bit.ly/RDATHing3>

**Data Management Plans**

Librarians are becoming familiar with funder requirements and consulting with researchers to help them write and implement effective data management plans.

11. One example is the [DMPTool](http://bit.ly/RDATHing3) that lists funder requirements in the United States and builds a plan by asking the researcher to answer a series of questions. Other countries such as the U.K. and Canada have similar tools, <http://bit.ly/RDATHing3>

**Data Literacy**

Librarians are including data in their information literacy instruction, to recognize when patrons have a need for data and have the ability to locate, evaluate, and use data.

12. The [Data Information Literacy](http://bit.ly/RDATHing3) project and book developed a curriculum to help librarians and other teachers incorporate data into information literacy outreach and instruction, <http://bit.ly/RDATHing3>

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attribution and to begin measuring impact by issuing Digital Object Identifiers (DOIs) for datasets, <http://bit.ly/RDATHing4>

**Data Licensing and Privacy**

Librarians are helping researchers share their data using appropriate licenses and while protecting confidential information about subjects or other sensitive data.

15. **How to License Research Data** from the Digital Curation Centre can help librarians work with researchers to choose a license for the data they share, <http://bit.ly/RDATHing5>

16. JISC manages the [DATA-PROTECTION email list](http://bit.ly/RDATHing6) with discussions on issues related to sensitive data, <http://bit.ly/RDATHing6>

6. Dozens of examples of resource guides created by librarians for patrons to learn more about data on the [SpringShare LibGuide Community Site](http://bit.ly/RDATHing6), <http://bit.ly/RDATHing6>

7. Begin a conversation with a researcher about data by [Conducting a Data Interview](http://bit.ly/RDATHing7), <http://bit.ly/RDATHing7>

8. Learn more about a researcher's needs by reading or creating your own [Data Curation Profile](http://bit.ly/RDATHing8), <http://bit.ly/RDATHing8>

9. Develop engagement materials to help your librarians such as the [DataOne Librarian Outreach Kit](http://bit.ly/RDATHing9), <http://bit.ly/RDATHing9>

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Research Data Sharing Without Barriers  
www.rd-alliance.org

Community of Practice

Librarians are connecting with each other and a larger community of researchers, technologists, funders, publishers, and others to develop solutions and share best practices for research data management.

E-mail: [rwitt@purdue.edu](mailto:rwitt@purdue.edu)



RDA  
June 2016

# RDM in Slovenian Academic Libraries

## › Node's findings:

- › Lack of institutionalised data stewardship in Slovenia.
- › Librarians considers themselves generally informed about open research data.
- › Engagement with researchers regarding research data differs from field to field and is strongly driven by obligations imposed by (foreign) funders and publishers.
- › Librarians frequently assist with data reference.

## › Some previous resources and events

- › [Open Library Portal](#), competence centre (Central Technical Library UL, University of Maribor Library, University of Primorska Library, 2020)
- › Open Access Consultancy and Training at the [University of Maribor Library](#) (from 2011)
- › Publications:
  - › Open access in the European Union and in Slovenia: Open publications and research data and their integration
  - › Access to research results in doctorates
  - › Open science and the role of the academic librarian
- › Workshops and webinars (sample):
  - › Open Academy lectures (Central technical library UL, 2021)
  - › Open research data and scientific excellence (Central technical library UL, 2020)
  - › Librarians as RDMP support (Social Science Data Archives, 2016)

# Node's adaptation

## 23 točk za knjižničarje in knjižničarje: Podpora pri delu z raziskovalnimi podatki [23 Things for Librarians: Support for Research Data]

### ➤ Main changes:

#### ➤ Updates and updated links

- New chapter: FAIR principles
- New resources: i.e. Engaging Researchers with Data Management: The Cookbook

#### ➤ National focus

- Promotion of national resources
- Focus on national infrastructure and capacities

#### Podatkovni repozitoriji

Kako izbrati repozitorij za objavo in ohranjanje podatkov?

20. Primerni repozitorij je mogoče poiskati v registru [re3data.org](https://re3data.org) in katalogih [FAIRsharing](#) in [OpenAIRE](#).
21. Področni repozitoriji v Sloveniji so [CLARIN.SI](#) (za jezikovne vire), [Arhiv družboslovnih podatkov](#), [SIstory](#) in [SI-DIH](#) (zgodovinski viri), dostopen pa je tudi [Nacionalni portal odprte znanosti](#).
22. Objavo in deljenje podatkov omogočajo tudi splošni repozitoriji, kot so [figshare](#), [Zenodo](#), [Open Science Framework](#) ali [DataVerse](#).

#### Data Repositories

Many libraries are providing institutional repositories to enable their users to publish and archive datasets or helping researchers identify other, appropriate repositories for specific funders, disciplines, or other domains.

19. Find an appropriate repository by searching the [re3data.org](https://re3data.org) registry of research data repositories, <https://tinyurl.com/RDAthings19>
20. Publish and share data now using free, online data repositories such as [figshare](#), [Zenodo](#), [Open Science Framework](#), or [DataVerse](#)

Section from the RDA Libraries for Research Data Interest Group (2016). 23 things: Libraries for Research Data. DOI: 10.15497/RDA0000

Section from RDA vozlišče Slovenije (2021). 23 točk za knjižničarke in knjižničarje. Podpora delu z raziskovalnimi podatki. DOI: 10.5281/zenodo.4436033



# Use and next steps

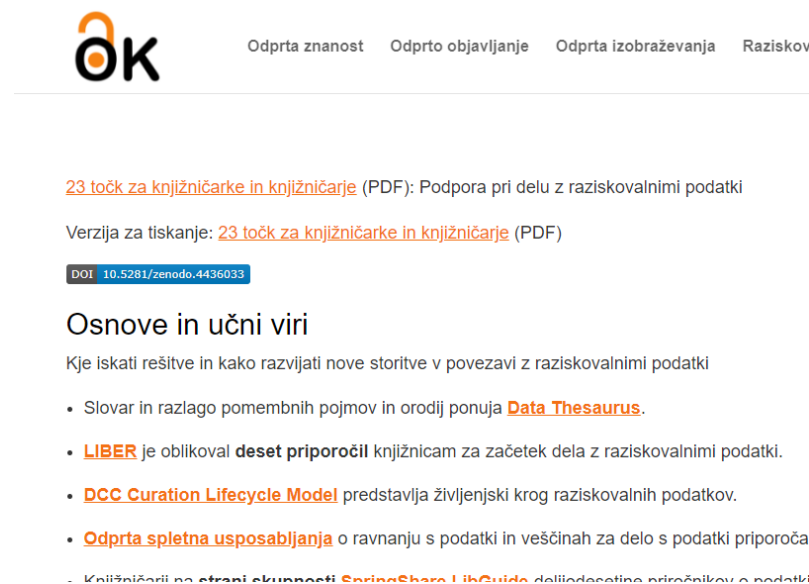
## › User statistics

Open Library web	
Views	405
Unique views	290
Downloads	120
Zenodo	
Views	34
Unique views	32
Downloads	32

## › Plans

- › Regular updates
- › Contribute to continual training

<https://odprta-knjiznica.si/raziskovalni-podatki/23-tock/>

OK

Odprta znanost   Odprto objavlanje   Odprta izobraževanja   Raziskov

[23 točk za knjižničarke in knjižničarje](#) (PDF): Podpora pri delu z raziskovalnimi podatki

Verzija za tiskanje: [23 točk za knjižničarke in knjižničarje](#) (PDF)

DOI: [10.5281/zenodo.4436033](https://doi.org/10.5281/zenodo.4436033)

### Osnove in učni viri

Kje iskati rešitve in kako razvijati nove storitve v povezavi z raziskovalnimi podatki

- Slovar in razlago pomembnih pojmov in orodij ponuja [Data Thesaurus](#).
- [LIBER](#) je oblikoval [deset priporočil](#) knjižnicam za začetek dela z raziskovalnimi podatki.
- [DCC Curation Lifecycle Model](#) predstavlja življenjski krog raziskovalnih podatkov.
- [Odprta spletna usposabljanja](#) o ravnanju s podatki in veščinah za delo s podatki priporoča
- Knjižničarji na strani skupnosti [SpringShare LibGuide](#) delijo desetino priročnikov o podatki

Thank you for your attention!



<https://www.rd-alliance.org/groups/rda-slovenia>