

# Learning to write a DMP at the Library of Kaunas University of Technology

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## Kaunas University of Technology: facts and figures

### KTU

- operates under its current name since 1990;
- dates back to 1922 when the University of Lithuania was established in Kaunas

- Number of students: **9040** (6670 undergraduate, 2010 Master's, 590 international students and 320 doctoral students)
- Alumni: **~130 000**
- Academic Staff: **~ 947**
- 6 main fields of study: technological, physical and social sciences, arts, humanities and biomedicine.
- Number of study programmes: **122** (including 56 in English, 48 undergraduate, 54 Master's, 19 doctoral programmes)

# KTU Library services

## 5 Library Units:

- Reader Services (26 FTE) – including 11 subject librarians
- Information Services (3,5 FTE)
- Research Information Services (4 FTE)
- Information Resources Management Services (10 FTE)
- Rare Books (1 FTE)



**Building of School of Economics and Business and Main Library**

## The services are provided in:

- 7 loan departments
- 10 reading rooms
- group work rooms
- virtually



**University Campus**

The Library strategy was developed in 2014.

## Strategic goals of the Library 2015-2020

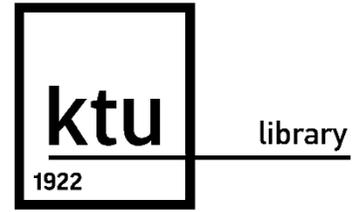
**The mission:** to provide efficient services, meeting the needs of current and future users by ensuring access to the resources at the Library and the global information resources available online.



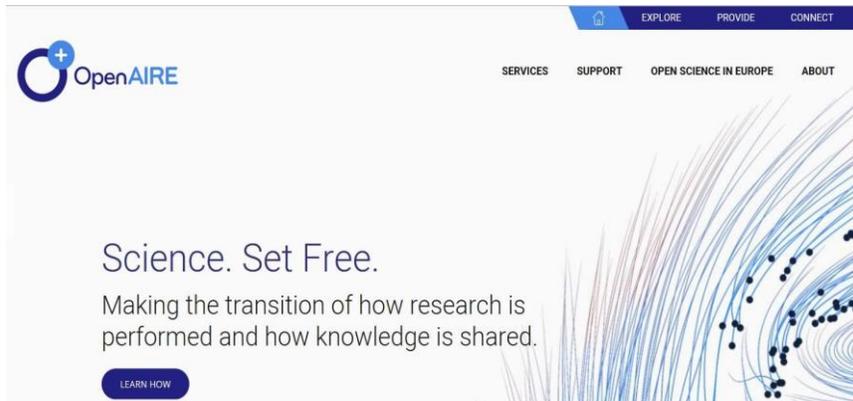
# At KTU Library we

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- act a National Open Access Desk (NOAD) for Lithuanian researchers (provide training sessions / consultations)
- act as Research Data Alliance (RDA) National Node Lithuania to promote the outputs and recommendations delivered by the Research Data Alliance in the national context
- **2019 –2020** RDA Europe 4.0 National Node Lithuania
- **2018 – 2020** OpenAIRE-Advance (OpenAIRE Advancing Open Scholarship)
- **2015 – 2018** OpenAIRE2020 (Open Access Infrastructure for Research in Europe 2020)
- **2011 – 2014** OpenAIRE plus (2<sup>nd</sup> Generation of Open Access Infrastructure for Research in Europe)
- **2009 – 2011** OpenAIRE (Open Access Infrastructure for Research in Europe)



# Research support provided by OpenAIRE NOAD (since 2009)



<https://www.openaire.eu>

- Workshops, webinars
- Training sessions
- Courses
- Web-based training material

# FOSTER: “Promoting Open Science among Young Researchers: Opportunities and Challenges”

## 2015-2016

European Commission's OA Policies

Horizon 2020

FOSTER

YouTube

Foster Kaunas University of Technology

Thank you!

Promoting Open Science among Young Researchers: Challenges and Opportunities

KTU E.mokymosi technologijų centras / KTU E-learn...

408

341 peržiūra

KTU INTERNATIONAL

**PhD Summer School**

21–25 AUGUST 2017  
PALANGA, LITHUANIA




- 22 AUGUST 2017** \_\_\_\_\_ Tuesday  
**Writing for Scholars. Scientific Writing**  
Lynn P. Nygaard, PRIO, Norway  
Jacek Fiutowski, University of Southern Denmark
- 23 AUGUST 2017** \_\_\_\_\_ Wednesday  
**Project Management for PhD Students**  
Flavien Massi, Intelligentsia Consultants Sàrl, Luxembourg
- 24 AUGUST 2017** \_\_\_\_\_ Thursday  
**Open Science and Research Data Management: tips and tools to help you plan to get the most from your data**  
Sarah Jones, Digital Curation Center, UK  
Iryna Kuchma, EIFL, Lithuania

# Towards built-in practices



In cooperation with the University of Stavanger and European Consortium of Innovative Universities, focus on the development of transferable skills at the international PhD Summer School in 2017: workshop “Open Science and Research Data Management” on 24 August.





# Workshop “Practising FAIR and Open Data Management” April 19-20, 2018



# Open Science Trainer Bootcamp and Open Data Workshop on writing Data Management Plans April 2-3, 2019

# PhD course “Research Data Management”

June 26, 2017: approval at the committee of the joint Doctoral Programme in Educational Science  
October 2017: registration at Kaunas University of Technology  
2018 – 2019 Moodle-based course is offered for PhD students as an elective (6 ECTS)

## Topics:

1. Research Data.
2. Research Data Management Plan.
3. Research Data Management Guidelines, Standards and Tools.
4. Legal and Ethical Issues. Data Licensing and Data Citations.
5. Using and Sharing Data.
6. Data Repositories and Archives.
7. Open Science Initiatives.

S274D101 Mokslinių tyrimų duomenų valdymas Gintarė Tautkevičienė (LT)

ktu KAUNAS TECHNOLOGIJŲ UNIVERSITETAS

Modulio programa

**Mokymo tikslas**

Įgyti supratimą apie atvirųjų mokslinių duomenų iniciatyvas, kokie ir kada mokslui vykdyti. Supažinti žinios apie RIL, tarpdalinę, nacionalinę ir kitų finansuojančių institucijų reikalavimus. Ugdyti gebėjimus valdyti mokslinių tyrimų duomenis, užtikrinti jų saugumą, priėjimą ir atvirumą, paruošti parengti mokslinių tyrimų duomenų valdymo planą ir jį adaptuoti atitinkanti finansuojančių institucijų reikalavimus. Supažinti žinios apie mokslo duomenų naudojimo teisinius ir etinius reikalavimus, supažinti su duomenų saugojimo įvykiais, jų galimybėmis kurti ir saugoti tyrimų duomenis.

Dalyviai: doc. dr. Gintarė Tautkevičienė, dr. Ieva Česlavaitė, dr. Andrius Krūšinskas

➤ Visą išskleisti    ⚡ Visą sutraukti

- 1 ➤ 1 tema: Mokslinių tyrimų duomenys
- 2 ➤ 2 tema: Mokslinių tyrimų duomenų valdymo planas
- 3 ➤ 3 tema: Duomenų valdymo rekomendacijos, standartai ir įrankiai
- 4 ➤ 4 tema: Teisiniai ir etiniai klausimai, licencijavimas ir citavimas
- 5 ➤ 5 tema: Naudojimas ir dalijimasis mokslinio duomenimis
- 6 ➤ 6 tema: Duomenų saugojimas ir archyvai

# Data Management Plan

2018 / 2019



**Data Management Plan** was introduced as an obligatory element in the doctoral studies at Kaunas University of Technology – political mandate



# Data Management Planning tools: DMPonline

The screenshot displays the DMPonline interface. At the top, there is a navigation bar with several tabs: "Project Details", "Plan overview", "Initial DMP", "Detailed DMP", "Final review DMP", "Share", and "Download". The "Initial DMP" tab is highlighted with a red box, and three red arrows point downwards from above towards the "Initial DMP", "Detailed DMP", and "Share" tabs. Below the navigation bar, there is a section with the text "expand all | collapse all" and a progress indicator "0/9 answered". The main content area consists of a list of six items, each in a blue bar with a white plus sign on the right:

- 1. Data summary (0 / 1)
- 2. FAIR data (0 / 4)
- 3. Allocation of resources (0 / 1)
- 4. Data security (0 / 1)
- 5. Ethical aspects (0 / 1)
- 6. Other (0 / 1)

# Institutional policy

“Regulations on the Open Access to Scientific Publications and Data of Kaunas University of Technology” adopted December 22, 2016, revised May 13, 2020

APPROVED BY  
Order No. A-589 of the Rector of  
Kaunas University of Technology  
of 22 December 2016

## REGULATIONS ON THE OPEN ACCESS TO SCIENTIFIC PUBLICATIONS AND DATA OF KAUNAS UNIVERSITY OF TECHNOLOGY

### CHAPTER I GENERAL PROVISIONS

1. Regulations on the Open Access to Scientific Publications and Data regulate the key principles, procedure, obligations and responsibility of Kaunas University of Technology (hereinafter – University) related publications and data in the open access.

PATVIRTINTA  
Kauno technologijos universiteto  
rektorius 2020 m. gegužės 13 d.  
įsakymu Nr. A-236

### KAUNO TECHNOLOGIJOS UNIVERSITETO ATVIROSIOS PRIEIGOS PRIE MOKSLO PUBLIKACIJŲ IR MOKSLINIŲ TYRIMŲ DUOMENŲ NUOSTATAI

#### I SKYRIUS BENDROSIOS NUOSTATOS

1. Kauno technologijos universiteto atvirosios prieigos prie mokslo publikacijų ir mokslinių tyrimų duomenų nuostatai (toliau – Nuostatai) reglamentuoja Kauno technologijos universiteto (toliau – Universitetas) darbuotojų ir studentų mokslo publikacijų ir mokslinių tyrimų duomenų skelbimo atvirojoje prieigoje pagrindinius principus, tvarką, įsipareigojimus ir atsakomybę.

# National policy

“Guidelines on Open Access to Scientific Publications and Data“ February 29, 2016:

<https://e-seimas.lrs.lt/portal/legalAct/lt/TAD/8113c930e0b811e5b18181b790158f61>

A mandate to write a DMP for projects funded by the Research Council of Lithuania

20. The project leader shall ensure the preservation of the data generated in the course of the project implementation in digital form, and the transfer of such data for storage at the institution and/or to the repository upon the end of the project. The data must be preserved for a period no shorter than five years following the completion of the project.

21. The implementers of the project intending to accumulate the relevant data must include in the proposal a data management plan. In the course of the implementation of the project the relevant data management plan may be adjusted.

22. The expenses incurred during the project to implement the data management plan are eligible expenses, and may be included as an item of the estimated total cost of the project.

23. The data underlying the scientific publications referred to in Chapter IV of the Guidelines must be made openly accessible at the same time as the publications. The data must be made accessible in repositories or other ways specified by the publishers, and linked to the relevant publications.

24. Project implementers may be exempted from the provisions of the Guidelines on Open Access to data (or part thereof), upon a reasonable explanation and if:

24.1. the data have been obtained not in the course of the project implementation, or the scientific publication was not based on original data, i.e. the data were not compiled and/or generated during the project;

24.2. the data that have commercial value or can be used for industrial purposes may be exempted from the general principle of Open Access.

24.3. Opening Access to the data would be incompatible with the confidentiality requirements;

24.4. Opening Access to the data would contradict the requirements regarding the protection of personal data;

24.5. Open Access to the data would prevent attaining the objectives of the project;

24.6. there are other legitimate reasons not to open the data.

Sections	Questions	Questions to consider
A. Data Collection	1. What data will you collect or create?	<p>1.1. Are there any existing data that you can re-use?</p> <p>1.2. What type, format and volume of data?</p>
B. Storage and Backup	2. How will the data be stored and backed up during the project?	<p>2.1. Where will the data be stored?</p> <p>2.2. How will the data be recovered in the event of an incident? Will the data be backed up?</p>
	3. How will you manage access and security?	<p>3.1. What are the risks to data security and how will these be managed?</p> <p>3.2. How will you ensure that project partners (if applicable) can access your data securely?</p>
C. Selection and Preservation	4. Which data are of long-term value and should be retained and preserved?	<p>4.1. What data must be retained/destroyed for contractual, legal, or regulatory purposes?</p> <p>4.2. How long will the data be retained and preserved?</p>
D. Data Sharing	5. How will you ensure the availability and sharing of the data?	<p>5.1. When will you make the data available?</p> <p>5.2. How will potential users find out about data?</p> <p>5.3. With whom will you share the data, and under what conditions?</p>
E. Responsibilities and Resources	6. Who will be responsible for data management?	<p>6.1. Who is responsible for implementing the DMP, and ensuring it is reviewed and revised?</p> <p>6.2. Will data ownership and responsibilities for RDM be part of any consortium agreement or contract agreed between project partners (if applicable)?</p>
	7. What human and other resources will you require to draft and deliver your DMP?	<p>7.1. Is additional specialist expertise required?</p> <p>7.2. Do you require hardware or software which is additional or exceptional to existing institutional provision?</p> <p>7.3. Have you considered the charges that can be applied by data repositories?</p>

# Why is Data Management useful?

[A data management horror story](#) from the NYU Health Sciences Library



**Data Sharing and Management Snafu in 3 Short Acts (Higher Quality)**  
34 tūkst. peržiūrų • prieš 7 metus

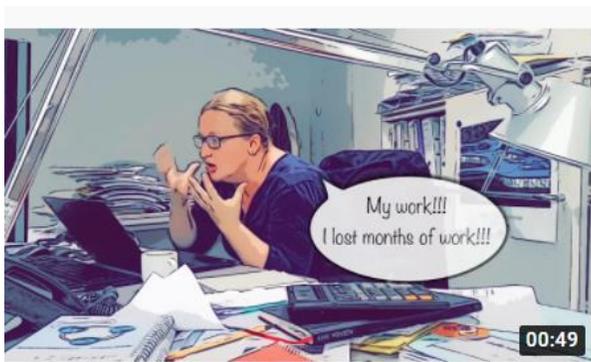
 NYU Health Sciences Library

A higher resolution version of the video. A data management horror story by Karen Hanson, Alisa Surkis and Karen Yacobucci.

Subtitrai

04:41

[RDM horror stories](#) from the Library of the École Polytechnique Fédérale de Lausanne



**RDM horror stories | Episode 1 - Lost Data**  
2,1 tūkst. peržiūrų • prieš 1 metus

 Bibliothèque de l'EPFL

On the occasion of Love Data Week 2020 (10-14 February 2020), discover the Research Data Management (RDM) horror stories!

My work!!!  
I lost months of work!!!

00:49

# Lessons learnt

To give effective DMP (and RDM in general) training and support, we need an interplay of the following elements:

**policy** – relevant institutional regulations for Research Data Management

**infrastructure** – user-friendly and state of the art tools available

**competence** – adequate knowledge and skills, training and support to develop them

... also we need to

- know about global tendencies and seek to implement them on the national and institutional level (legal documents, infrastructure)
- seek support from stakeholders
- raise awareness
- develop the competence of researchers and administrative staff
- be proactive

# Thank you for you attention

You are welcome to visit us at <https://library.ktu.edu>  
and in Kaunas!