



New Perspectives in the University of Tartu Library

National Library of Latvia
Riga
20.10.2015

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Department of Subject Librarians
www.utlib.ee



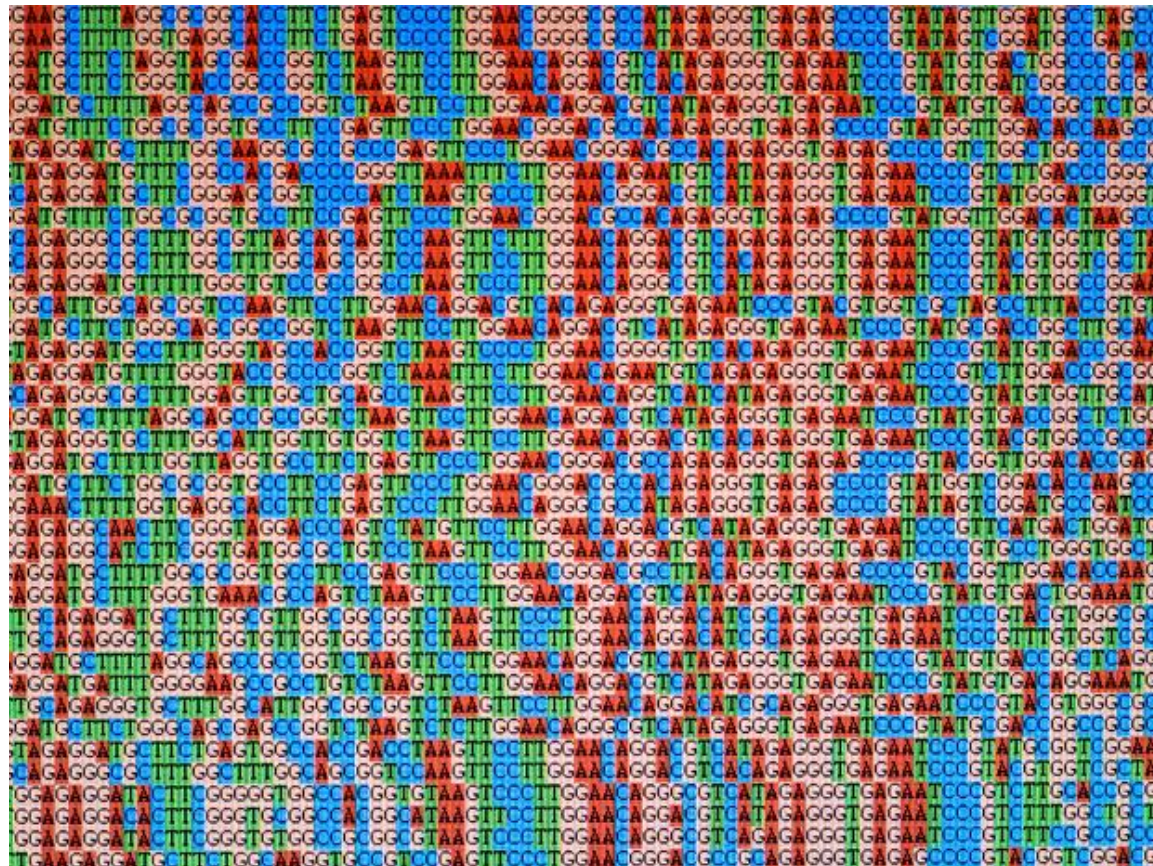
University of Tartu

- Founded in 1632 by King Gustavus Adolphus of Sweden
- 9 faculties and 4 colleges
- 60 bachelor, 72 master and 34 doctoral study programmes available on 2015/2016, including 17 programmes in English
- 14,500 students (including over 1000 international students from 70 countries)

Background



Background 2

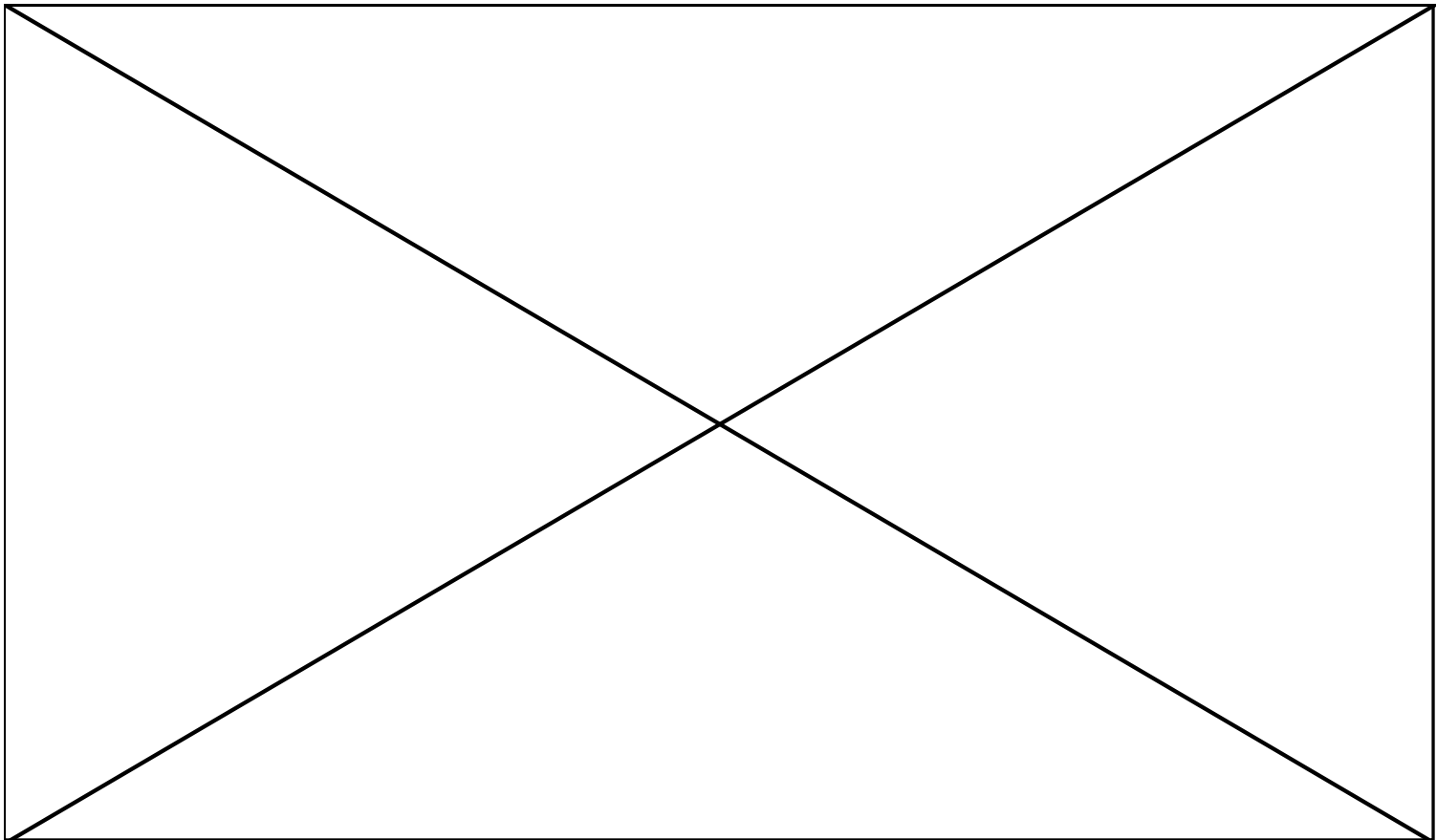




Background 3

Video

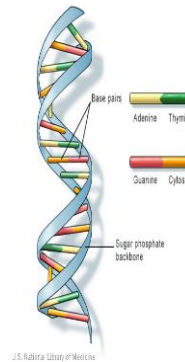
Data Sharing and Management Snafu in 3 Short Acts



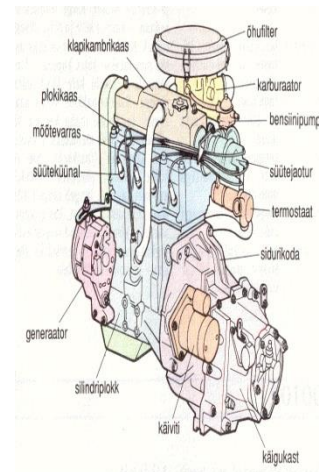
<https://www.youtube.com/watch?v=N2zK3sAtr-4>

Research Data

- **Research data** is that which is collected, observed, or created in a digital form, for purposes of analysing to produce original research results.
- Documents (text, Word)
- Spreadsheets
- Laboratory notebooks
- Questionnaires
- Video
- Audio
- Models
-



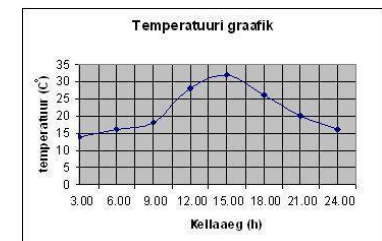
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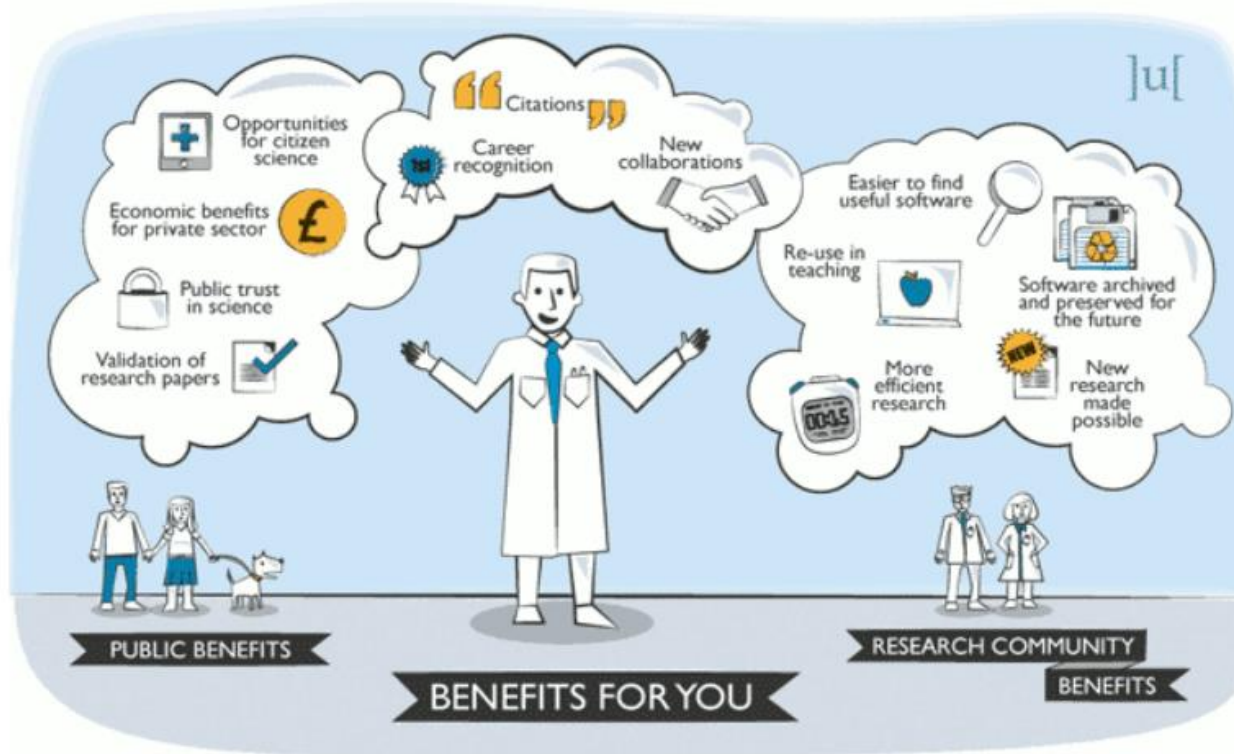


Photo credit: Karin Kaljuläte



[Internet resource](#)

Benefits of RDM and data sharing



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Library`s role



Photo credit: David Fearon, [Internet resource](#)



Library

- Experts in organizing the collections
- Research data is another collection
- Information literacy training
- Relationships with university departments



Library 2

- Project management
- PR and communication skills
- IT skills
- Disciplinary knowledge

Research Data Management in University of Tartu Library

- Data librarians
- RDM services



Open Access

- Open Access week 2014 – seminar and workshop
- [Link to seminar](#)

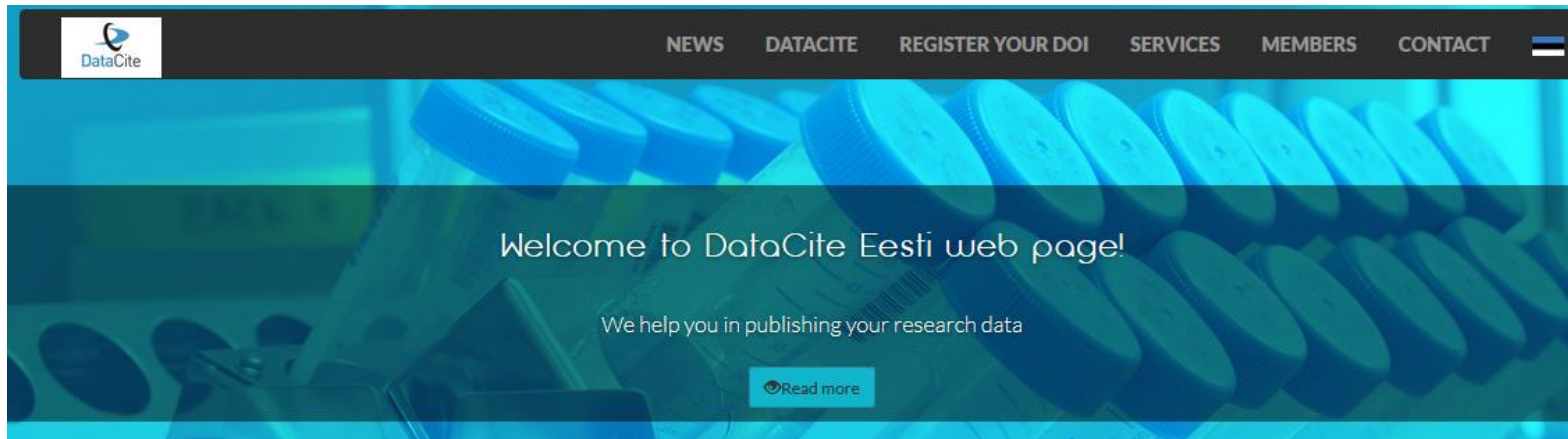




DataCite and DOI




- University of Tartu joined [DataCite](#) - 2014
- [DOI](#) – digital object identifier (first 100 ESTDOIs registered in October 2014, 487 680 ESTDOIs in 15.10.2015)
- DataCite Eesti Consortium - 2015



Data Repository

- Datadoi/DSpace repository of University of Tartu

- datadoi.ut.ee

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Datadoi

Datadoi on DSpace tarkvara baasil loodud keskkond teadusandmete säilitamiseks, DOI-identifikaatori omistamiseks, indekseerimiseks ja vabalt kättesaadavaks tegemiseks.

Communities in Datadoi

Select a community to browse its collections.

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Recently Added

[Vertical profiles of atmospheric variables based on tethersonde soundings from Ny-Ålesund](#)
Palo, Timo; Jakobson, Erko (Department of Geography, University of Tartu, 2015-04)
The melt of snow and sea ice in Svalbard and its fjords is strongly controlled by the radiative and turbulent surface fluxes. The fluxes depend, among others, on the structure of and processes in the ABL. Over a complex ...

[Vertical profiles of atmospheric variables based on tethersonde soundings from Hornsund](#)
Palo, Timo; Jakobson, Erko (Department of Geography, University of Tartu, 2015-04)
Arctic fjords are usually surrounded by a complex orography of mountains, valleys and glaciers, which complicates the dynamics of the air flow. Between different fjords in Svalbard temperature and wind regime can vary ...

[FinEstlon2003_06_Dataset of air ion and atmospheric nanoparticle measurements](#)
Tammet, Hannes; Hörrak, Urmas (2015-02-26)

[Hyytiälä08_10aerosol](#)
Kulmala, Markku; Tammet, Hannes (2015-03-17)

[Nanoion 2010-11](#)
Tammet, Hannes (2015-03-17)

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Teaching Materials

Information literacy course contains data topic

Introduction ▾

[Research Data](#)

[Open data](#)

[Research funding in Estonia](#)

Legal and Ethical Issues ▾

Research Data Management ▾

[Data Repositories](#)

[DataCite and DOI ▾](#)

[DOI for a Dataset](#)

[References](#)

Alan Chalmers, a British philosopher, explains in his book "What is this thing called science?" that

science is searching for new scientific knowledge and communicating it to the others.

Knowledge, as published through scientific literature, often is the last step in a process originating from research data. These data is analyzed, synthesized, interpreted, and the outcome of this process is generally published in its result as a scientific article. In today's practice raw scientific data is primarily stored in private files, not in secure institutional repositories, and effectively are lost.

V. Muuli, Estonian Research Council, in his presentation [Research Data in Estonia](#):

Collecting, storing, availability (2014), points out that 80% of collected research data are stored in researcher's own computer or institutional server.



Resource



Next Steps

- RDM policy
- Open Access week seminar
- RDM e-course
- Data management plan
- Providing support





Thank you!

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