Open science refers to the promotion of openness in scientific research. The key target is to publish research results, data and methods in a way that makes them accessible to anyone interested. Open access data refers to unrefined information accumulated by research institutes, researchers, central government, organisations, business enterprises, or private citizens, and freely accessed by outsiders without charge.

The research data policy of Lappeenranta University of Technology describes the principles and outlines of collecting, storing, using and managing research data at the university.

Lappeenranta University of Technology research data policy

The openness of research data promotes high-level research, facilitates innovation, and ensures good research practices. The research data produced at Lappeenranta University of Technology is, as a rule, open and available for shared use.

However, in certain cases there are grounds to restrict access to research data. The long-standing, confidential collaboration between Lappeenranta University of Technology and business enterprises should always be taken into consideration.

The open access publishing of research data creates costs that must be taken into account in funding applications. In other words, funding for data management purposes must also be applied for.

Good data management should be ensured from the beginning of a research project, and data should be in a serviceable and accessible from. Public funding agencies usually require a data management plan.

Each member of the university community must observe the LUT Code of Conduct with regard to the open access and management of research data. The protection, information security and privacy of confidential data must be taken care of in accordance with legislation, the responsible conduct of research, and the university's guidelines, orders and agreements.

Persons responsible for research projects or groups see to it that contracts related to the ownership and user rights of data generated during research are prepared at as early a stage as possible or, where applicable, before the beginning of the research project.

When using research data, it is good practice to mention the authors of the research for which the data was originally collected, and Lappeenranta University of Technology must be mentioned as the source of the research data.

When using other researchers' data, the applicable legislation, ethical guidelines and regulations must always be complied with, and the source of the data must be announced.

The university provides researchers with guidance in data management during the research life cycle, support in the preparation of data management plans, and advice regarding data management. All those involved are responsible for promoting the development of data management skills in storing research data and providing open access to it.

In collaboration with national and international actors, the university offers a research data infrastructure with tools and services for managing, using, finding and sharing data, as well as capacity for storage, computation and processing.

The university regularly assesses how open access to the university's research data is provided.

The research data policy deals with digital research data generated, used and modified in research projects. The research data policy does not apply to physical materials on which the research data is based (e.g. printed material). The use of biological material in research is governed by separate legislation and permits.

References by Lappeenranta University of Technology

LUT Code of Conduct.

Other references

Concordat On Open Research Data, Version 10/2015. UK Open Research Data Forum 2015.

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Rector