Tampere University

Data Management Policy for Open Research Infrastructures at Tampere University

Approved by Provost Jarmo Takala and Vice-Rector Juha Teperi in May 2020

This policy provides general guidelines and principles for research infrastructures to promote responsible use and open access to their resources. Openness facilitates and accelerates the utilisation of scientific knowledge. Responsible conduct of research requires that processes and outputs are open to evaluation. However, confidentiality should not be compromised at any stage: research should be as open as possible, but as protected as necessary. These guidelines and principles also enable to make the data produced by the infrastructures findable, accessible, interoperable and reusable (FAIR)[1].

When creating their own data management and access policies, research infrastructures should pay attention to the guidelines and principles below:

1. Standard codes of conduct and ethical guidelines are followed[2].
2. Research infrastructure complies with national and international law, such as GDPR, and other agreements.
3. Possible intellectual property rights (IPR) involved with the data managed or produced by the infrastructure are known.
4. Necessary agreements on the ownership and rights of use of the data are made.

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[1] Force 11 (2016). The FAIR data principles.
[2] Responsible conduct of research at Tampere Universities.

5. The widest dissemination and publicity for data managed or produced by the infrastructure are ensured. Therefore, when possible, open licenses should be used to make data and metadata easily and freely accessible.
6. Standardised metadata production is supported with guidance and tools.[3]
7. Users are instructed to acknowledge the contribution of the infrastructure in their research outputs.[4]
8. Persistent identifiers (PID) are supported.[5]
9. Quality control procedures are described clearly and explained for users.
10. The infrastructure has an access policy which defines how it supports access to services. Conditions for access are also clarified.[6]
11. The infrastructure is built using open interfaces and standards to ensure interoperability with other national and international infrastructures and processes.
12. The impact and relevance of the infrastructure are (self-)evaluated regularly. Research infrastructure should be easy to use, and statistics and metrics should be freely available to measure usage.
13. When developing research infrastructures, commitment to openness, sharing of ideas, sustainable development, fairness and equality should be demonstrated, when applicable.
14. Interaction and innovation activities with business, industry, public services and citizens are promoted.

This document is aligned with the Tampere higher education community's Research Strategy and national and international open science policies and strategies[7][8][9]. If you have any questions concerning research data management, please contact the Tampere University Research Data Services at researchdata@tuni.fi.

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[3] See for example Research Dataset Metadata Tool Qvain.
[4] Finnish Committee for Research Data (2018). Tracing data: Data citation roadmap for Finland.
[5] See, for example, Digital Object Identifier (DOI) or Uniform Resource Name (URN).
[6] See, for example, the access guidelines provided by European Commission (2016): European Charter for Access to Research Infrastructures - Principles and Guidelines for Access and Related Services.
[7] Tampere higher education community's Open Science Guidelines.
[8] Academy of Finland (2020). Strategy for National Infrastructures in Finland 2020-2030.
[9] Open Science Coordination in Finland, Federation of Finnish Learned Societies (2020). Declaration for Open Science and Research 2020-2025.