
Plan Overview

A Data Management Plan created using DMPonline

Title: Research Culture @ MTU

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Project abstract:

Munster Technological University (MTU) is committed to promoting a positive research culture and has introduced a range of measures to support this, including training and new policies. Over the forthcoming year it is planned to roll out a series of additional new policies, procedures and training initiatives to further support staff and students in responsible conduct of research.

This study titled *Research Culture @ MTU* is aimed at MTU staff (Academic, Research and Professional Support Services), along with research postgraduates to gain insight into current perceptions of the University's research culture, along with forming an evidence base for the types of initiatives required across disciplines in the University to further promote a positive research culture.

With the transition from Institutes of Technology to a Technological University, the anonymous survey results will be useful for the Library, Research Offices, School of Graduate Studies, and the Research Integrity & Compliance Officer to inform future policy, its practical implementation, and training.

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Copyright information:

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Research Culture @ MTU

Data Collection

What data will you collect or create?

This study generated new data. A web based survey using MS Forms was used with a combination of open and closed ended questions.

How will the data be collected or created?

All MTU staff (academic, research and professional support services), along with research postgraduates were invited to participate. The survey was open for participation over a two-week period in June 2022. After the initial survey distribution, two reminders to participate were circulated to potential participants. Heads of Function were contacted to encourage staff and research students, within respective disciplines, to participate in the survey highlighting that the survey results will be used to inform future policy, and its practical implementation, as well as training.

Documentation and Metadata

What documentation and metadata will accompany the data?

Data documentation to ensure that data will be understood and interpreted by any user will include Readme files that will explain how data was created, what the context is for the data, structure of the data and its contents, and any manipulations that have been done to the data.

If required metadata elements will include, but not limited to: Title; Creator; Date; Description; Keywords or Subjects; Identifier; Geographic coverage; Language; Publisher; Access restrictions; License; and Format.

Ethics and Legal Compliance

How will you manage any ethical issues?

The survey used was adapted from studies conducted at the University of Glasgow in 2019 and 2021. This current study received ethical approval from MTU Cork (Research Ethics Approval No: MTU22037A, June 2022).

Participants were informed:

- That they could withdraw while completing the survey by simply closing the internet window that the survey was open on.
- As the survey was anonymous, once the survey was submitted it was not going to be possible to identify and remove data from the database.
- Data will be stored securely in accordance with the MTU's [Code of Good Practice in Research](#) and the aggregated summary of results may later be used and published for research/educational purposes.
- Data will be stored securely in password protected files for 3 years after final data collection date. After this, anonymised data will be openly available in an appropriate Research Data Repository service.

With the exception of the informed consent question in the survey, responses to questions were optional.

Informed consent question:

Please confirm below that you have read the information above and consent to the data being used in the way described. (Mandatory)

- Yes, I consent to my responses being used as described above. (Survey proceeds to Q2.)
- No, I do not consent to my responses being used as described above. (Survey closes.)

How will you manage copyright and Intellectual Property Rights (IPR) issues?

If required, guidance and support will be sought from MTU's Innovation & Enterprise Office.

Storage and Backup

How will the data be stored and backed up during the research?

All data is managed in compliance with GDPR and MTU's [Data Protection Policy](#). Clear and accurate records of the research procedures followed and of the results obtained, including interim results will be maintained in line with the MTU's [Research Data Management Policy](#), where as appropriate, data will be held in line with the FAIR Principles (Findable, Accessible, Interoperable and Re-usable) for data management. Data will be stored securely in password protected files and backed up on MTU MS OneDrive.

Data will be stored in *xlsx format. Open-ended questions will be analysed in NVivo, in which case some data will be stored as a QSR NVivo Project. Quantitative analysis will be carried out using RStudio, in which case some data will be stored as a R file.

How will you manage access and security?

Data will be stored securely in password protected files for 3 years after final data collection date and backed up using MTU MS OneDrive. After this point, anonymised data will be held in an appropriate Research Data Repository service.

Selection and Preservation

Which data are of long-term value and should be retained, shared, and/or preserved?

No later than 3 years after final data collection date, anonymised data will be openly available in an appropriate Research Data Repository service.

What is the long-term preservation plan for the dataset?

No later than 3 years after final data collection date, anonymised data will be openly available in an appropriate Research Data Repository service.

Data Sharing

How will you share the data?

If data needs to be shared with a collaborator, then the password protected files will be shared securely using MTU MS OneDrive using an individualised link for the collaborator.

Are any restrictions on data sharing required?

It may be required to withhold some responses to open-ended questions.

Responsibilities and Resources

Who will be responsible for data management?

The Principal Investigator is responsible for data management.

What resources will you require to deliver your plan?

Guidance and support from MTU's Metadata & Research Data Librarian.