

DMP tool with GDPR registration

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UT tool DMP and GDPR registration

- Context
- Tool (demo)
- Usage
- Management

Context

- Objectives:
 - user friendly front-end
 - combined process with GDPR registration (and ethics review)
 - export for external parties (funders)
 - rdm information management (back-end)
- Gradual development from existing tools (DMP: word form, GDPR: webform, Ethics review: *different* forms)
- Actual situation:
 - DMP-GDPR tool, separate Ethics review tool in development
 - DMP mandatory, linked to RDM course (mandatory for PhD's)
- Future: linking between DMP-GDPR tool and Ethics review tool.

Tool

- Orbeon forms (https://www.orbeon.com/)
- Open source software, cheap, good and quick support
- Smart forms, such as repeating tables, dependent fields, automatical population and calculation, etc.
- Review workflow
- Export to pdf, not possible to share or copy in editable format
- Searches, overviews
- Reports on database level (in development), output to PowerBi for graphics

Demo

https://webapps-test.utsp.utwente.nl/dmpstartpage/home

Home

About...

Signed in as: m7641181 Sign out

YOUR DATA MANAGEMENT PLANS AND GDPR REGISTRATIONS

DMP and GDPR for Bentum, M. van

Created	Modified	Registration	Title of research		
4-03-2021	24-03-2021	DMP+GDPR	Not Present	Open	Delete
4-03-2021	24-03-2021	DMP	Not Present	Open	Delete
4-03-2021	24-03-2021	DMP+GDPR	Not Present	Open	Delete
4-03-2021	24-03-2021	DMP	Not Present	Open	Delete
4-03-2021	24-03-2021	DMP	Not Present	Open	Delete
7-03-2021	17-03-2021	DMP	Not Present	Open	Delete
6-03-2021	16-03-2021	DMP+GDPR	Not Present	Open	Delete
1-03-2021	11-03-2021	DMP+GDPR	Not Present	Open	Delete
4-02-2021	24-02-2021	DMP	Not Present	Open	Delete
4-02-2021	24-02-2021	DMP	Not Present	Open	Delete
н 4 1	2 3 4	5 6 7 8	▶ N		1 - 10 of 78 items



Introduction

Welcome to the UT tool for writing your data management plan (DMP) and the notification of processing of personal data in research in compliance with the General Data Protection Regulation (GDPR registration).

This DMP form has a generally accepted structure which complies to the policy of funders like NWO and ZonMw. The EU allows you to deliver a DMP based on this form as well.

When filling in the answers, please check data policies and guidelines of your research group, department, or faculty and/or the UT research data management policy. Also the website of these organization units may contain relevant information.

This DMP form can or must be reviewed. When your draft version is ready for review press "Save and Review" to start/continue this review process. An e-mail message is sent to the Reviewer. The same holds for GDPR registration.

▼ Choose your form

What do you want to do?

- O DMP
- O DMP with GDPR Registration
- GDPR Registration

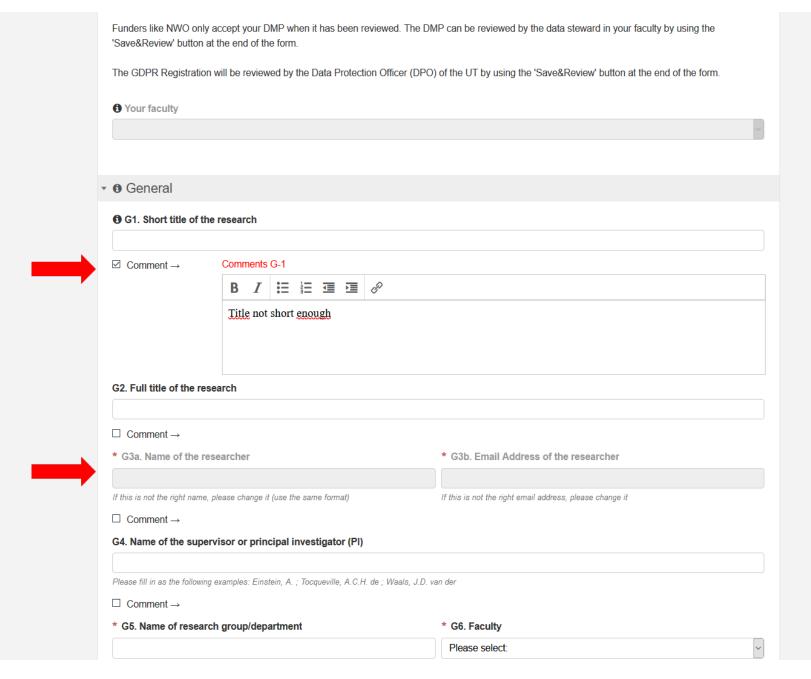
When you will process personal data in terms of the European General Data Protection Regulation (GDPR), choose option 2 or 3, the latter for instance in case you have already a DMP. UT bachelor or master students are not obliged to make a DMP but in case of processing personal data should do a GDPR registration (option 3). More information.

Do you write this DMP in the context of the RDM course?

- O Yes O No
- Information about review process and buttons at the bottom of this form

■ Summary	Save & Review	Save draft	≛ pdf
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What do you want to do? DMP Mode in the European General Data Protection Regulation (GDPR), choose option 2 or 3, the latter for instance in case you have already a DMP. UT bachelor or master students are not obliged to make a DMP but in case of processing personal data should do a GDPR registration (option 3). More information. Do you write this DMP in the context of the RDM course? Yes No	
→ Reviewing the form	
Funders like NWO only accept your DMP when it has been reviewed. The DMP can be reviewed by the data steward in your faculty by using the 'Save&Review' button at the end of the form.	
The GDPR Registration will be reviewed by the Data Protection Officer (DPO) of the UT by using the 'Save&Review' button at the end of the form.	
• Your faculty	~
› General	
▶ Data collection	
Data documentation	
› Data storage	
> Data security	
Data selection and preservation	
▶ Data availability for reuse	
▼ GDPR registration of processing personal data	
According to the General Data Protection Regulation (GDPR) registration is mandatory when personal data are processed in research. If personal data are handled in your research, you need to answer the questions below. Your research will then be added to the GDPR register of the University of Twente. Cli	



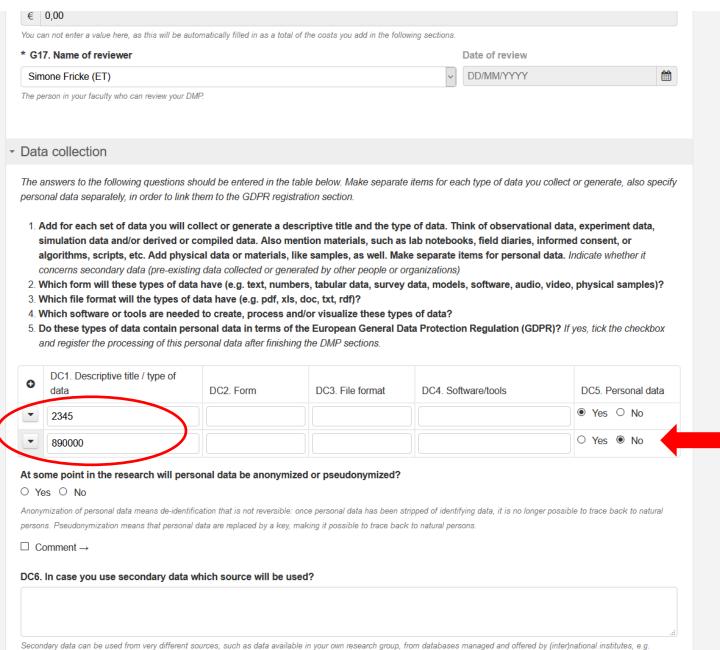
G1. Short title of the research	
□ Comment → G2. Full title of the research	
□ Comment →	
* G3a. Name of the researcher	* G3b. Email Address of the researcher
If this is not the right name, please change it (use the same format) ☐ Comment →	If this is not the right email address, please change it
G4. Name of the supervisor or principal investigator (PI)	
Please fill in as the following examples: Einstein, A. ; Tocqueville, A.C.H. de ; Waals, J. $ \Box \ \text{Comment} \rightarrow $	D. van der
* G5. Name of research group/department	* G6. Faculty
Please, type the abbreviation of your research group in format:	Please select:
Faculty-Research Group; (e.g. EEMCS-HMI, ITC-ESA, BMS-HTSR) ☐ Comment → G7. Description of the research	Behavioural, Management and Social sciences (BMS) Engineering Technology (ET) Electrical Engineering, Mathematics and Computer Science (EEMCS) Geo-Information Science and Earth Observation (ITC) Science and Technology (TNW)
Faculty-Research Group; (e.g. EEMCS-HMI, ITC-ESA, BMS-HTSR) ☐ Comment →	Engineering Technology (ET) Electrical Engineering, Mathematics and Computer Science (EEMCS) Geo-Information Science and Earth Observation (ITC)

In the field 'Name', please fill in as the following examples: Einstein, A.; Tocquevill Start with who is responsible for implementing the DMP, and for ensuring it is revidata collection, data analysis, data storage, etc. In case of a collaborative research organization and research group policies.	iewed and, if necessary, revised. Furthermore, indicate who has a role or	
□ Comment →		
G15. Laws, policies, contracts and agreements to comply with		
☑ RDM policy UT / faculty / research group		
☐ General Data Protection Regulation (GDPR)		
☐ Medical Research Involving Human Subjects Act (WMO)		
☐ Contract (funding bodies, partners, third parties)		
□ Other		
personal data your research must comply with the GDPR. Third-party contracts m		
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personal data your research must comply with the GDPR. Third-party contracts medata. □ Comment → G16. Estimated total costs (€) involved in data management € 0,00 You can not enter a value here, as this will be automatically filled in as a total of the cost	ay deal with ownership, responsibilities and requirements about the hai	
G16. Estimated total costs (€) involved in data management	ay deal with ownership, responsibilities and requirements about the hai	

Data collection

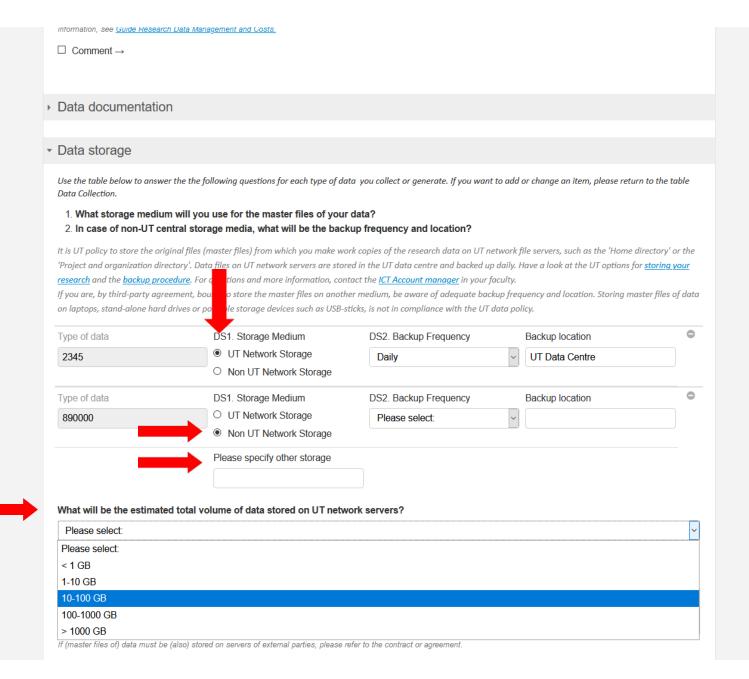
The answers to the following questions should be entered in the table below. Make separate items for each type of data you collect or generate, also specify personal data separately, in order to link them to the GDPR registration section.

- 1. Add for each set of data you will collect or generate a descriptive title and the type of data. Think of observational data, experiment data, simulation data and/or derived or compiled data. Also mention materials, such as lab notebooks, field diaries, informed consent, or algorithms, scripts, etc. Add physical data or materials, like samples, as well. Make separate items for personal data. Indicate whether it concerns secondary data (pre-existing data collected or generated by other people or organizations)
- 2. Which form will these types of data have (e.g. text, numbers, tabular data, survey data, models, software, audio, video, physical samples)?



€ Think of costs for acquiring, pro information, see Guide Research				
,				
nformation, see <u>Guide Researci</u>	cessing or analyzing the data or for getting informed of	consent. Use cost estimations which poss.	bly are available in the research project b	udget. For more
	1 Data Management and Costs.			
☐ Comment →				
Data documentation	ı			
Data storage				
Jse the table below to answe Data Collection.	r the the following questions for each type of dat	ta you collect or generate. If you want t	to add or change an item, please retur	n to the table
1 What storage mediur	n will you use for the master files of your	data?		
_	ntral storage media, what will be the back			
is UT policy to store the orio	ginal files (master files) from which you make wor	rk copies of the research data on UT ne	twork file servers, such as the 'Home d	lirectory' or the
	ectory'. Data files on UT network servers are store			-
esearch and the <u>backup proc</u>	redure. For questions and more information, cont	act the <u>ICT Account manager</u> in your fa	culty.	
	ement, bound to store the master files on anothe			ster files of data
on laptops, stand-alone hard i	drives or portable storage devices such as USB-st	acks, is not in compliance with the UT d	ata policy.	
Type of data	DS1. Storage Medium	DS2. Backup Frequency	Backup location	•
2345	O UT Network Storage	Please select:	~	
	O Non UT Network Storage			
Гуре of data	DS1. Storage Medium	DS2. Backup Frequency	Backup location	0
890000	O UT Network Storage	Please select:	<u> </u>	
	 Non UT Network Storage 			
Comment				
	aster files (also) on other media than the	UT network file servers, what are	the reasons of this?	
	aster files (also) on other media than the	UT network file servers, what are	the reasons of this?	
☐ Comment → DS3. In case of storing m	aster files (also) on other media than the	UT network file servers, what are	the reasons of this?	
OS3. In case of storing m	aster files (also) on other media than the	·	the reasons of this?	.ii

DS4. If other storage media for work copies of your data files will be used, specify this here.



Data selection and preservation

Use the table below to answer the the following questions for each type of data you collect or generate. If you want to add or change an item, please return to the table Data Collection. In case of a new item, don't forget to add information, also in the table of Data Storage section. Be aware that secondary data should not be added in this table. You can give details about preservation of secondary data in question 5.

- 1. Which of the data will be selected for preservation?
- 2. Which file formats will be used for long-term preservation and accessibility?
- 3. After the end date of the project, how many years should the selected data be preserved?
- 4. What must be done with the data after the end of the preservation period?

When archivering data, use non-proprietary (open) persistent formats, such as pdf, txt, rif, dot, tif, flac, csv or xml. More information about preferred formats you can find at <u>DANS</u> or <u>4TU.ResearchData</u>. Preserve the data for at least 10 years (in compliance with the UT data policy) unless there are legal or contractual conditions for choosing another preservation period. In some cases, data files have to be destroyed when the data are not needed anymore for the purpose for which it has been processen, mostly when containing sensitive personal data.

Type of data	preserved	format	period	DSP4. Post preservation action	
2345			Please select:	To be destroyed To be decided	•
			Please select:		
			0 yrs	O Other	
			1-4 yrs		
000000			5 yrs		0
890000			6-9 yrs		
Min -4 211 h - 4h 42		1 d-4- 4- b d0	10 yrs		
what will be the estin	nated total volume of the selected	data to be preserved?	> 10 yrs		
Please select:					~
□ Comment →					
DSP5. Are there seco	ndary data to be preserved?				
○ Yes ○ No					
Whether or not you are allow	wed to preserve secondary data depends o	n the terms of use. In either case	, explain how accessibility to	the data you used will be arranged after the	project.
\Box Comment \rightarrow					
DSP6. For the sake of	f proper verification and reuse, w	hat preparations will be m	ade before archiving the	e data ?	
					.::
In some cases, data need t	to be cleaned, processed further, checked,	etc. before being archived in a d	ata repository. Also digitizatio	n or file conversion may be needed. When p	oersonal

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data is used anonymization or pseudonymization is needed.

table. Do not forget to update the information in the tables in the sections Data Storage, Data Selection and Preservation, and Data Average. 2345 Comment → 9. What special personal data regarding the mentioned category of data subjects will be processed? Be aware of the conditions for processing these special personal data, such as having explicit consent from the data subject for processing those data for one or more specified purposes. See GDPR art. 9. □ none □ sex life or sexual orientation □ religieus or philosophical beliefs □ trade-union membership □ racial or ethnic origin □ criminal justice data □ political opinions □ genetics data □ health □ biometics data for purpose of uniquely identifying a natural person □ Comment → 10. How long will personal data be preserved? If you need to change the preservation period, you have to do this in the Data Selection and Preservation table. The preservation period must be the purpose of the processing. It is not allowed to keep personal data longer than the purpose for which they were processed. After that time, the be erased or completely anonymized. When personal data under a different law for the purpose of the processing, then this mandatory preservation period applies to the purpose of the processing, then this mandatory preservation period applies to the purpose of the processing, then this mandatory preservation period applies to the purpose of the processing, then this mandatory preservation period applies to the purpose of the processing, then this mandatory preservation period applies to the purpose of the processing, then this mandatory preservation period applies to the purpose of the processing, then this mandatory preservation period applies to the purpose of the processing, then this mandatory preservation period applies to the purpose of the processing the purpose o	table. Do not forget to undate ti	•	ou need to change or add information, you have	
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for the purpose of the processing, then this mandatory preservation period applie Type of data Cervation period			•	
Type of data Servation period				nd this is longer than is
· · · · · · · · · · · · · · · · · · ·		, aren ano manadory prosorvation penda		
2345 5 yrs	Type of data		ervation period	
			5 vrs	



- o fills in or edits questions of the DMP and/or GDPR registration;
- o presses 'Save' to store a draft version;
- o presses 'Save & Review' to store the version to be reviewed. The message "the DMP/GDPR registration is ready for review" is sent to the reviewer of the DMP and/or the Data Protection Officer (DPO) for reviewing the GDPR registration.
- 2. The DMP-reviewer or DPO
 - o receives the message "the DMP/GDPR registration is ready for review";
 - o writes comments in the DMP/GDPR registration;
 - o presses 'Save' to store a draft version with review;
 - o presses 'Save & Review' to store the reviewed version to be edited by the researcher. The message "the DMP/GDPR registration is reviewed" is sent to the researcher.
- 3. (1) and (2) will repeat until the DMP-reviewer or DPO accepts the DMP/GDPR registration. The message "This DMP/GDPR has been accepted by the reviewer/DPO in accordance with comments" is sent to the researcher and is shown in the DMP/GDPR registration.
- 4. The researcher
 - o presses 'PDF' to make a pdf for sharing, e.g. with the funder or TGS (Twente Graduate School).

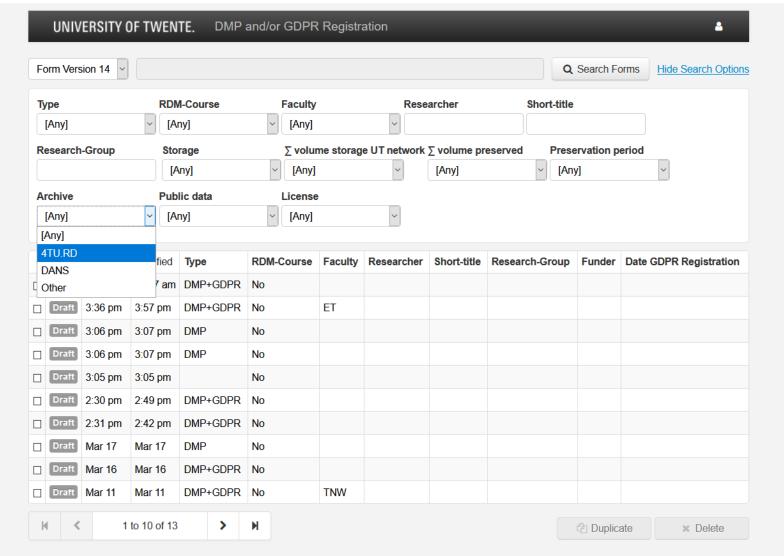
The Buttons:

Summary	Use this button when you want to have an overview of your DMP/GDPR registrations. You return to the DMP startpage. If a message "Are you sure you want to leave this page?" appears, to avoid loss of your input use the button 'Save' or 'Save & Review'.
Save & Review	Use this button when you are ready for reviewing your DMP/GDPR
	registration. Your DMP/GDPR registration is saved and a message is sent
	to the reviewer (DMP) and/or the Data Protection Officer (GDPR).
Save	Use this button when you want to save a draft of your DMP/GDPR
	registration. During this phase (edit and save draft) your document is
	locked until you press 'Save & Review' or 'Summary'.
PDF	Use this button at any moment you want to create a pdf of your
	DMP/GDPR registration, for instance to share a reviewed version of the
	DMP with the funder or TGS.

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Select ▼ (Operation •	Reindex database(s)		H <
Status	Modified	Application	Form	Title
Available	Mar 4	UT-DMP-GDPR	UT_DMP-GDPR-v3-2-GDPR-aangepast	DMP and/or GDPR Registration
Available	Feb 23	UT-DMP-GDPR	UT_DMP-GDPR-v3-2	DMP and/or GDPR Registration
Available	Jan 18	TESTSEARCH	TESTSEARCH	TESTSEARCH
Available	Jan 18	TEST-READ-ONLY	TEST-READ_ONLY	TEST_READ_ONLY
Available	11/03/20	UT-DMP-GDPR	UT_DMP-GDPR-v3-1	DMP and/or GDPR Registration
Available	10/02/20	UT-DMP-GDPR	UT_DMP-GDPR-v3	DMP and/or GDPR Registration
Unavailable	10/02/20	UT-DMP-GDPR-test-permissions	UT_DMP-GDPR-v3	DMP and/or GDPR Registration
Available	08/19/20	RDM	Storage-Decision-Tree	Find the best way for store, share or transfer your research data
Available	08/18/20	UT-DMP-GDPR	UT_DMP-GDPR-v3-met-review-signalering	DMP and/or GDPR Registration
Available	08/10/20	TEST	TESTsamenvatting	Samenvatting
Available	07/17/20	UT-DMP-GDPR	TEST-permissions	Test user en user
Available	07/17/20	UT-DMP-GDPR	UT_DMP-GDPR-v3-nonEU	DMP and/or GDPR Registration
Unavailable	07/09/20	UT-DMP-GDPR	UT_DMP-GDPR-v3-test	DMP and/or GDPR Registration
Available	07/06/20	Datum	Datum	Datum
Available	07/04/20	Tijd	Tijd	Tijd
Unavailable	06/29/20	TEST	TESTURL	TEST URL
Unavailable	06/19/20	RDM	Storage-Decision-Tree-Student	Find the best way for store, share or transfer your research data
Available	06/15/20	TEST-RDM	TEST-Storage-Decision-Tree	Find your best type of Storage for Research Data
Available	06/12/20	RDM	Storage-Decision-Tree-test	Find your best type of Storage for Research Data
Unavailable	06/05/20	RDM	StorageType	Find your best type of Storage for Research Data

Orbeon Forms 2018.2.3+.utwente.201910281837 PE



Orbeon Forms 2018.2.3+.utwente.201910281837 PE

Usage

- Started in September 2019
- Linked to course RDM
- DMP's reviewed by data stewards / DPO
- UT DMP template accepted by NWO
- Use UT DMP template *not* mandatory

Management

- Technical management: LISA-IT (official UT system)
- Functional and content management: LISA (ICT account manager, data librarian)
 - Improvements and development: data stewards and research support coordinators (in contact with researchers), tool: issue tracker
 - Template version management (new form uses latest version)
 - Reports (number of dmp's per faculty/group, reviewed or not, size, etc.)

More information

University of Twente Library, ICT Services and Archive (LISA)

Maarten van Bentum (general issues): m.vanbentum@utwente.nl Hendri Hondorp (technical issues): g.h.w.hondorp@utwente.nl