DMP title

Project Name My plan (FWO DMP) - DMP title

Grant Title 1108022N

Principal Investigator / Researcher Sarah Van Eyken

Description This is the initial DMP for my FWO research project "Questioning the Quiescence of the Ottoman Hanbalis: The Genesis of Conservative Salafism".

Institution KU Leuven

1. General Information
Name applicant

Sarah Van Eyken

FWO Project Number & Title

"Questioning the Quiescence of the Ottoman Hanbalis: The Genesis of Conservative Salafism" (1108022N)

Affiliation

- KU Leuven

2. Data description
Will you generate/collect new data and/or make use of existing data?

- Generate new data
- Reuse existing data

Describe in detail the origin, type and format of the data (per dataset) and its (estimated) volume. This may be easiest in a table (see example) or as a data flow and per WP or objective of the project. If you reuse existing data, specify the source of these data. Distinguish data types (the kind of content) from data formats (the technical format).

The project's data consists primarily of a corpus of textual Arabic sources. These texts exist in large part in digital format; most of them are either available digitally in online libraries (usually in .pdf format) or their contents have been digitised and are available in online text repositories (usually in .yml format). The data generated by the project will also mainly be digital: the information that I will extract from the corpus of Arabic texts will be collected and processed primarily using digital methods and tools. The data are described in more detail in the table below:

Nature	Type	Format	Volume	Mode of data collection	Purpose
II	Corpus of Arabic texts (1): digital and digitised texts	Digital (.pdf, .yml)	Estimated between 300 and 400 texts, approx. 5-7 GB	Online digital libraries and text repositories (e.g., Open ITI Kitab Corpus, Maktaba Shamela, Waqfeya)	Completion of research objectives 1-3 using discourse analysis
II	Corpus of Arabic texts (2): physical, printed books	Non-digital, physical works	Estimated < 100 books	Purchase using benchfee	Completion of research objectives 1-3 (discourse analysis)
I / II	Manuscript scans and photos	Digital (.jpg, .png, .tif, .pdf)	Estimated between 15-20 texts, < 10 MB	Scanning and photographing manuscripts held by libraries and archival institutes, as well as downloading photos or scans of manuscripts available in open access digital manuscript libraries	Completion of research objectives 1-3 (discourse analysis); edition of manuscripts
I	Personal notes and annotations based on my reading of academic sources, attendance of conferences, personal conversations with experts, etc.	Digital (.txt, .docx) and non-digital (physical, written)	100 MB	Microsoft Word and Roam Research for digital notes; written notes in personal notebook	Literature review, general structuring of thoughts and ideas
I	Database of primary Arabic texts	Digital (.xlsx)	< 1 MB	Microsoft Excel	Overview of primary sources
I	Database of scholarly figures	Digital (.xlsx, .csv)	100 MB	Microsoft Excel, FileMaker	Basis for network analysis, in completion of research objective 4 in particular
I	Network visualisations	Digital, precise format undetermined	Undetermined	Gephi	Visualise and analyse scholarly networks based on collected database of Muslim scholars, cf. research objective 4

3. Legal and ethical issues
Will you use personal data? If so, shortly describe the kind of personal data you will use. Add the reference to your file in KU Leuven's Register of Data Processing for Research and Public Service Purposes (PRET application). Be aware that registering the fact that you process personal data is a legal obligation.

- No

 NA

Are there any ethical issues concerning the creation and/or use of the data (e.g. experiments on humans or animals, dual use)? If so, add the reference to the formal approval by the relevant ethical review committee(s)

- No

NA

Does your work possibly result in research data with potential for tech transfer and valorisation? Will IP restrictions be claimed for the data you created? If so, for what data and which restrictions will be asserted?

- No

NA

Do existing 3rd party agreements restrict dissemination or exploitation of the data you (re)use? If so, to what data do they relate and what restrictions are in place?

- No

NA

4. Documentation and metadata
What documentation will be provided to enable reuse of the data collected/generated in this project?
I will take the following steps to ensure adequate documentation for the data generated by the project:

- The databases that I will create will be furnished with README.txt files based on a template provided by research support staff at KU Leuven and adapted to the needs of my project and discipline;
- I will use uniform naming conventions for files and folders.

Will a metadata standard be used? If so, describe in detail which standard will be used. If no, state in detail which metadata will be created to make the data easy/easier to find and reuse.

- No

I will not use a metadata standard, but will take some other measures to provide adequate metadata:

- I will use Zotero for the collection of the corpus of Arabic texts;
- I will add metadata to the scans and photos of manuscripts that I acquire using the software Tropy;
- I will consult my colleagues and research support staff at my faculty to determine the most suitable ways of providing metadata for the other aspects of my project (particularly the database of scholarly figures which will be the basis for my network analysis). An example of metadata I will create for this database is a VIAF number for specific scholarly figures. I will further develop this once I am at a further stage in the project.

5. Data storage and backup during the FWO project
Where will the data be stored?
Non-digital data (books; written notes) will be stored in my office or my supervisor's office at the

Faculty.

Digital data will be stored in three ways:

1. KU Leuven provides its researchers with the possibility to store up to 2 TB of data using OneDrive for Business — I will use this service to store and automatically back up the project's data;
2. I will make weekly back-ups of the data on a personal external hard drive;
3. The data will be stored on my personal computer.

How is backup of the data provided?

I will use OneDrive for Business to automatically back up my data and will make regular manual backups using an external hard drive. As far as the database is concerned, I will periodically export data sets and back them up using OneDrive and an external hard drive.

Is there currently sufficient storage & backup capacity during the project? If yes, specify concisely. If no or insufficient storage or backup capacities are available then explain how this will be taken care of.

- Yes

Yes. The project is not expected to generate more than 2 TB worth of data. KU Leuven provides 2 TB of storage capacity using OneDrive for Business.

What are the expected costs for data storage and back up during the project? How will these costs be covered?

There are no foreseeable costs for data storage and back up.

Data security: how will you ensure that the data are securely stored and not accessed or modified by unauthorized persons?

I will use KU Leuven OneDrive for Business, which is secured with multifactor authentication (using the KU Leuven Authenticator app).

6. Data preservation after the FWO project
Which data will be retained for the expected 5 year period after the end of the project? In case only a selection of the data can/will be preserved, clearly state the reasons for this (legal or contractual restrictions, physical preservation issues, ...).

All data except personal written notes will be retained for 10 years after the end of the project (as per KU Leuven mandate). I will regularly inform myself about any changes in KU Leuven policy in this regard and update the DMP accordingly, if needed.

Where will the data be archived (= stored for the longer term)?

Books purchased using the bench fee will be stored and made available via the Faculty Library (Artes) in accordance with KU Leuven policy.

The digital data will be preserved using dedicated long-term storage infrastructure (OneDrive for Business) provided by KU Leuven. I will regularly evaluate possibilities to make certain datasets available to the academic world via digital repositories (e.g., Zenodo) or even a dedicated website, if this appears suitable, depending on the project's progress and results.

What are the expected costs for data preservation during the retention period of 5 years? How will the costs be covered?

I cannot precisely determine this yet, since I will continuously be evaluating options to best store and share my work.

7. Data sharing and reuse
Are there any factors restricting or preventing the sharing of (some of) the data (e.g. as defined in an agreement with a 3rd party, legal restrictions)?

- No

Which data will be made available after the end of the project?

This is to be determined at a further stage in the course of the project depending on its progress and outcomes.

Where/how will the data be made available for reuse?

- Other (specify):

This is to be determined at a further stage in the course of the project depending on its progress and outcomes.

When will the data be made available?

- Immediately after the end of the project

The data will be made available once the project has come to an end.

Who will be able to access the data and under what conditions?

This is to be determined at a further stage in the course of the project depending on its progress and outcomes.

What are the expected costs for data sharing? How will the costs be covered?

I cannot answer this question precisely at this stage of the project.

8. Responsibilities

Who will be responsible for data documentation & metadata?

I (Sarah Van Eyken), the principal investigator, am responsible for implementing data documentation and metadata.

Who will be responsible for data storage & back up during the project?

I (Sarah Van Eyken) am responsible for data storage and back up during the project.

Who will be responsible for ensuring data preservation and reuse ?

After the research project ends, preservation of data is the responsibility of my supervisor, Arjan Post.

Who bears the end responsibility for updating & implementing this DMP?

I, Sarah Van Eyken, as the principal investigator, bear this responsibility.