
The sound of educational reform: Disability, special education and the history of reform pedagogy from 1880 till 1940

A Data Management Plan created using DMPOnline.be

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Project abstract:

This project inscribes itself in a range of critical histories that seek to highlight how, among other things, gender, power, and scientific knowledge have led and still lead to the construction of difference as well as to the emergence of special educational practices. Following this vision, the main aim of this proposal is to expose the existing histories of progressive education to ideas and perspectives coming from new disability history and sound studies. More concretely, the research is composed of five main points. The first point of the research consists of investigating the influence of progressive educationalists' ideals on the ideals of special education for deaf and blind students in Belgium. For this, the theories of Maria Montessori and Ovide Decroly will be considered as representative of progressive education that could have impacted special education: not only are they both considered progressive educationalists, but they are also known to have heavily based their writings on their work with children with disabilities. The second point is related to sound studies: the sounds that could be heard in those special education settings will be analyzed through written archives, pictures, or film footage. The focus on sound is due to the fact that zooming in on the sounds that could be heard in educational settings enables historians of education to better identify and grasp shifting world views and societal expectations towards teachers and pupils. It is also argued that historians of education can and should include the notion of soundscapes in their historical toolboxes, as it is helpful in reconstructing and disentangling the complex ways in which education has shaped human beings. The remaining three points are linked to many disability historians' agenda: in line with the idea that 'disability' refers to the negative and stereotypical meanings a particular society attributes a specific impairment (the bodily reality of a disability), the present research will study how particular bodily and mental characteristics have become disabilities. Questions such as how being deaf or blind has developed into disabilities, how disabled people have experienced the discriminatory attitudes attributed to their impairments, and how they have resisted these will be explored. This will be done by examining potential gender bias in archives related to special education in Belgium; by looking for possible differences in the discourse on special education between Catholic and liberal educational beliefs in Belgium; and by investigating archival material produced by deaf and blind persons themselves. Because this research's topic is importantly focused on disability history, the research will also attempt to establish an inclusionary research environment. This means that the researcher will work in collaboration with members of the French-speaking community of deaf and blind persons.

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Research Data Summary

List and describe all datasets or research materials that you plan to generate/collect or reuse during your research project. For each dataset or data type (observational, experimental etc.), provide a short name & description (sufficient for yourself to know what data it is about), indicate whether the data are newly generated/collected or reused, digital or physical, also indicate the type of the data (the kind of content), its technical format (file extension), and an estimate of the upper limit of the volume of the data.

Dataset name / ID	Description	New or reuse	Digital or Physical data	Data Type	File format	Data volume	Physical volume
Archival Documents	Correspondence and personal documents related to school, official documents of schools, documents conserved in organizations for and by deaf and blind people, and journal articles. Scanned by my phone and transferred to my computer	R	D	T	.pdf	<100GB	
Database of archives	Database of all the used archives, generated by Excel and labeled by author's name, date of publication, place of consultation, and title.	N	D	T	CVS	<1GB	
Research log based on literature	Handwritten notes scanned and transferred to computer and digital notes made on Microsoft Word	N	D/P	T	.pdf	<1GB	Around 50 pages of B5 format sheets
Video of focus groups	Videos of the deaf participants showing their signs and facial expressions	N	D	A	.mp4	<1TB	
Notes taken during focus groups	Handwritten notes of thoughts and opinions exchanged during the focus groups	N	D/P	T	.pdf	<1GB	Around 20 pages of A4 format sheets
Archival visual documents	Archival pictures and videos of educational practices and educational settings	R	D/P	I or A	.pdf or .mp4	<1GB	Less than 50 pictures (postcards, pictures in journals,...)
Consent forms	Consent forms signed by participants of the focus groups	N	D/P	T	.pdf	<1GB	8 sheets, unless participants decide to stop their participation and more participants are needed

If you reuse existing data, please specify the source, preferably by using a persistent identifier (e.g. DOI, Handle, URL etc.) per dataset or data type:

The reused data are all the archives that will be used for the research (written and audio-visual). A list of the reused data (archives) will be compiled by the researcher, with the title, author, publication year, publisher and publication place, conservation place, and other notes useful to keep track of the used archives.

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, refer to specific datasets or data types when appropriate and provide the relevant ethical approval number.

- No

Will you process personal data? If so, please refer to specific datasets or data types when appropriate and provide the KU Leuven or UZ Leuven privacy register number (G or S number).

- Yes (Provide PRET G-number or EC S-number below)

Data such as name, age, gender, education, political opinion, religious beliefs, and diagnoses could be revealed by participants during focus groups. Audio-visual recordings of participants will also be made to allow them access to their data.

G-2023-7090-R2(MAR) (accepted)

Does your work have potential for commercial valorization (e.g. tech transfer, for example spin-offs, commercial exploitation, ...)? If so, please comment per dataset or data type where appropriate.

- No

Do existing 3rd party agreements restrict exploitation or dissemination of the data you (re)use (e.g. Material or Data transfer agreements, Research collaboration agreements)? If so, please explain in the comment section to what data they relate and what restrictions are in place.

- No

Are there any other legal issues, such as intellectual property rights and ownership, to be managed related to the data you (re)use? If so, please explain in the comment section to what data they relate and which restrictions will be asserted.

- No

Documentation and Metadata

Clearly describe what approach will be followed to capture the accompanying information necessary to keep data understandable and usable, for yourself and others, now and in the future (e.g. in terms of documentation levels and types required, procedures used, Electronic Lab Notebooks, README.txt files, codebook.tsv etc. where this information is recorded).

Clear folder structures will be followed on OneDrive, by dividing the research into work packages. Within those work package folders, the folders will be divided into archives, notes, and writings (publications).

A folder will also be made for the focus groups with their notes, and there will also be a folder for archives that regroups all the archive files (scans), notes, and the Excel database.

README.txt files will be added where necessary to explain the structure of the folders and the content of each folder. This will especially be the case for archives, where the txt files will describe the archives in terms of title, author, year of publication, place of consultation, and key words.

Will a metadata standard be used to make it easier to find and reuse the data?

If so, please specify which metadata standard will be used.

If not, please specify which metadata will be created to make the data easier to find and reuse.

- Yes

Dublin Core will be used as a metadata standard.

Data Storage & Back-up during the Research Project

Where will the data be stored?

- Shared network drive (J-drive)
- OneDrive (KU Leuven)

Most files will be saved on OneDrive, but larger files such as focus groups videos will be saved on J-drive.

How will the data be backed up?

- Standard back-up provided by KU Leuven ICTS for my storage solution

Is there currently sufficient storage & backup capacity during the project?

If no or insufficient storage or backup capacities are available, explain how this will be taken care of.

- Yes

How will you ensure that the data are securely stored and not accessed or modified by unauthorized persons?

The OneDrive and J-drive can only be accessible through the researcher via two-factor authentication. Physical data such as notes from focus groups or notes based on literature will be kept in a locked drawer in the researcher's office, which is also locked.

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

No extra cost will be needed

Data Preservation after the end of the Research Project

Which data will be retained for 10 years (or longer, in agreement with other retention policies that are applicable) after the end of the project?

In case some data cannot be preserved, clearly state the reasons for this (e.g. legal or contractual restrictions, storage/budget issues, institutional policies...).

- All data will be preserved for 10 years according to KU Leuven RDM policy
- Certain data cannot be kept for 10 years (explain below)

Videos of focus groups will be deleted at the end of the research to ensure data privacy. This is because during the research, facial expressions are needed for deaf participants to access their own data, and voice is needed for blind participants to access their own data. As those are difficult to anonymise while facilitating access for participants to their own data, the video recordings will be deleted after the research project ends.

Where will these data be archived (stored and curated for the long-term)?

- KU Leuven RDR

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

There is no extra cost expected for data preservation

Data Sharing and Reuse

Will the data (or part of the data) be made available for reuse after/during the project?

Please explain per dataset or data type which data will be made available.

- Yes, as open data
- Yes, as restricted data (upon approval, or institutional access only)
- No (closed access)

All data except videos of focus groups, consent forms, and archives will be open data after and during the project.

Videos of focus groups will only be available for the participants themselves during the project and will be deleted after the project (restricted access during the research)

Archival data (written and images/audio-visual) will not be available for reuse during the research and after the project. (closed access)

If access is restricted, please specify who will be able to access the data and under what conditions.

Be a participant of the focus groups and ask the researcher to have access to their own data. The data will only be accessible through the researcher's computer and access to the shared J-drive

Are there any factors that restrict or prevent the sharing of (some of) the data (e.g. as defined in an agreement with a 3rd party, legal restrictions)?

Please explain per dataset or data type where appropriate.

- Yes, privacy aspects
- Yes, intellectual property rights

Privacy aspects restrict the sharing of videos from focus groups outside the participants.

Copyrights does not allow for the sharing of some of the archives, especially those published after 1918 as a rule of thumb from the Royal Library of Brussels.

Where will the data be made available?

If already known, please provide a repository per dataset or data type.

- KU Leuven RDR (Research Data Repository)

When will the data be made available?

- Upon publication of research results

Which data usage licenses are you going to provide?

If none, please explain why.

- CC-BY 4.0 (data)

Do you intend to add a persistent identifier (PID) to your dataset(s), e.g. a DOI or accession number? If already available, please provide it here.

- No

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

There is no extra cost expected for data sharing

Responsibilities

Who will manage data documentation and metadata during the research project?

The researcher (Luna Lemoine)

Who will manage data storage and backup during the research project?

The researcher (Luna Lemoine)

Who will manage data preservation and sharing?

The researcher (Luna Lemoine)

Who will update and implement this DMP?

The researcher (Luna Lemoine)