Educational Film as Study Practice: Re-imaginging Education Through the Eyes of the Camera

A Data Management Plan created using DMPonline.be

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Project abstract:

Building upon a school pedagogical approach and drawing from Deligny's notion of 'camering' as distinct from filming, this project investigates the conditions under which educational film can elicit study practices. Against the backdrop of a proliferation of educational films in and as education, the project develops a conceptualization for educational film practices that disrupt dominant modes of thinking, thus creating conditions to engage in new and unforeseen relationships with the world. The focus is not on how the audiovisual can be used as an expressive complement to educational goals, but rather on how it, as another expressive regime, can reconfigure the relationship between the thinkable and the visible. Through cinematographic research, this project explores how an intertwining of two different regimes, the educational and the audiovisual, can create a new sensory practice that captures attention and interest.

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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
		Indicate: N(ew data) or E(xisting data)	Indicate: **D**(igital) or **P**(hysical)	Indicate: **A**udiovisual **I**mages **S**ound **N**umerical **T**extual **M**odel **SO**ftware Other (specify)		Indicate: <1GB <100GB <1TB <5TB >5TB NA	
Scans of relevant titles	Books and articles collected during literature study	*E*	D	Textual	.tif .jpg	<100GB	Harddisk
Notes	Taking during literature study and participatory observation	*N*	D & P	Textual	.docx	<25GB	Paper
Copies of relevant films	Films watched/used during literature study	*E*	D	Audiovisual Images	.mov .mp4	<200GB	Harddisk
Contracts experiments	Informed consent letters & information	*N*	D & P	Textual	.pdf	<5GB	Paper
Audiovisual experiments	Audiovisual experiments	N	D	Audiovisual Images	.mov	>5TB	Harddisk
Behind the scenes	Audiovisual experiments	N	D	Audiovisual Images	.mov	>5TB	Harddisk
Audio files	Audiovisual experiments	N	D	Sound	.wav	<25GB	Harddisk
Edits	Edited sequences of audiovisual experiments & editing software library	N	D	Audiovisual Images & software	.mov .fcpbundle .settings .drfx .dra .drp	<100GB	Harddisk
Documentary film	Artistic translation research	N	D	Audiovisual Images	.mov	<100GB	Harddisk

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:

Films and relevant titles will be sourced via LIMO and the library of LUCA Brussels.
Some films might also be sourced from Cinematek (Belgisch Koninklijk Filmarchief)

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.

- Yes, human subject data (Provide SMEC or EC approval number below)

T.b.a.

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)

G-2024-7608

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.

- Yes

The research will result in a documentary film which will be protected by copyright: reproduction and screening rights must be obtained from the filmmaker or research cluster.

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).

The data will already be clear and will be categorized in folders by dataset name and type. Further they will be arranged by production date.

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

The recording devices attribute metadata automatically (such as capture date, device, length, take etc.), we will only use this metadata.
As the new data sets will not be made available for reuse we will not use other metadata.

Data Storage & Back-up during the Research Project

Where will the data be stored?

- Other (specify below)
- OneDrive (KU Leuven)

We will store all written data (non-audiovisual data) on the OneDrive of the KULeuven. For technical reasons we have to use a different storage system for the audiovisual data.

We will use portable, encrypted (Full Disk Encryption with FileVault) hard drives (HDD & SSD), because the files will exceed the maximum capacity of 2TB of the OneDrive linked to a KU Leuven account and because the audiovisual material must be able to be used in editing software. A duplicate is also purchased for each hard disk to make a backup at regular intervals.

During the study, this disk is kept by the doctoral student involved in a locked drawer or cupboard that is only accessible to him/her. After completion, it is passed on to the supervisor who keeps it in his/her office in a locked drawer or cupboard that is only accessible to him/her.

How will the data be backed up?

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

For the OneDrive KUL provides versioning and a full backup in a non-Microsoft data center.

For each hard drive that is bought a second one will be purchased to copy the entire content to. This will happen at regular intervals. The main disk and the back-up disk will not be stored in the same place and back-up disk will always stay at the office of the promotor, so that in the event of data loss or theft, one disk always remains. Once the raw audiovisual data is stored on the two disks, it will not be touched anymore (or only if really necessarily) and stored in the drawer of the doctoral student.

As or editing the researcher will use another SSD-disk with a lower resolution copy of the raw audiovisual material to work with. For this one there will also be back-ups made.

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 hard disks will only be accessible to the doctoral student and the promotor, as they are locked away in their offices. They will also be encrypted so that in case of theft the content will not be accessible.

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

+- 400 euros:
2x HDD hard disk of +-200 euros, 2x SSD hard disk of +-200 euros will be bought from internal funds of the project

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)

There will be a documentary film made out of the (and as) research which will be kept longer than 10 years (indefinite period)

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

- Other (specify below)

The data will be stored on the same hard disks used for the research and locked away in a drawer in the office of the promotor.

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

Costs were already covered by buying hard disk for data storage during the research project, as we will keep the data on the same hard disks 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.

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

The documentary film and edits will be made available as restricted data.
All other audiovisual data, notes, contracts will not be made available due to privacy considerations.

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

Most of the dataset will only be accessed by the researcher, and the supervisors due to privacy considerations. Other researchers from KULeuven may request access to the restricted data sets upon request via email to the supervisor of this project. The documentary film may be publicly screened by third parties upon approval of the researcher and supervisors by festivals or other institutions that contribute to the community by supporting educational and/or social causes.

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

The audiovisual images contain people, so data can't by shared due to privacy restrictions.
The documentary film and edits are an artistic work which will be protected by copyright, which means reproduction and screening rights must be obtained from the filmmaker or the research cluster.

Where will the data be made available?

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

- Other (specify below)
- KU Leuven RDR (Research Data Repository)

As repository for publications we will use Lirias. If possible we will also add the documentary in the category "Creations in the Arts or Design".
In addition we will create an exposition on https://www.researchcatalogue.net/

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.

- Other (specify below)
- Data Transfer Agreement (restricted data)

It's not possible to provide data usage licenses as described above. The newly generated data (audiovisual images, audio, notes) is privacy sensitive. The documentary film produced within the research project is subject to copyright protection, because it is an artistic work. Other researchers from KULeuven may request access to the restricted data sets upon request via email to the supervisor of this project.

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?

We will purchase a one year subscription on Vimeo to upload our documentary, this will cost 96 euros. In addition to that we will potentially reserve funds for festival entries, but this has not yet been determined.

Responsibilities

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

The researcher (Ziya Lemin)

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

The researcher (Ziya Lemin)

Who will manage data preservation and sharing?

The researcher (Ziya Lemin) and supervisors (Nancy Vansieleghem and Sarah Van Ruyskensvelde)

Who will update and implement this DMP?

The researcher (Ziya Lemin) and supervisors (Nancy Vansieleghem and Sarah Van Ruyskensvelde)

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