

Are you interested in taking part in the research project “Measuring the quality of OER automatically using characteristics”?

This is an inquiry about participation in a research project where the main purpose is to research the use of characteristic metrics to automatically evaluate Open Educational Resources (OERs). In this letter we will give you information about the purpose of the project and what your participation will involve.

Purpose of the project

This project is a master's thesis conducted as a part of a master's in computer sciences at Norwegian University of Science and Technology. The purpose of this is to research a method for automated quality reviews of Open Educational Resources. This research has the goal of finding if characteristic metrics of an Open Educational Resource can be used for this purpose and if an algorithm using this could provide a quality assessment that can be a good supplement to manual reviews. The resources used for this research will be resources created with the tool H5P (<https://h5p.org/>). To have empirical data to evaluate there is a need for manually reviewed resources to compare the results with.

The research questions are as follows:

- Are the current automated approaches applicable to other repositories?
- Which metrics are most correlated with a high quality OER?
- How many metrics are needed to get a high accuracy estimation of the quality of an OER?
- Is it possible to gain good accuracy on a range of quality or is the use limited to differentiating good and poor-quality resources?
- Do some of the metrics have a high correlation with some of the properties in LORI?

Who is responsible for the research project?

Norwegian University of Science and Technology (NTNU) is the institution responsible for the project.

The supervisor at NTNU is Sofia Papavlasopoulou.

The project is also done in cooperation with Joubel AS with the contact person being Svein-Tore Griff With.

Why are you being asked to participate?

You have been selected to participate in this research because you can perform manual reviews of Open Educational Resources.

What does participation involve for you?

The participation involves filling out an online survey with questions for a quality review of one or more Open Educational Resources. In addition, some background questions about your experience with Open Educational Resources and profession will be asked.

Participation is voluntary

Participation in the project is voluntary. If you chose to participate, you can withdraw your consent at

any time without giving a reason. All information about you will then be made anonymous. There will be no negative consequences for you if you chose not to participate or later decide to withdraw.

Your personal privacy – how we will store and use your personal data

We will only use your personal data for the purpose(s) specified in this information letter. We will process your personal data confidentially and in accordance with data protection legislation (the General Data Protection Regulation and Personal Data Act).

The only people having access to the personal data are the student, supervisor, and the contact person in the company in which this project is done in cooperation with.

I will replace your name and contact details with a code. The list of names, contact details and respective codes will be stored separately from the rest of the collected data.

To collect the data Nettskjema will be used as a provider.

The participants will not be recognized in the publications, but notion of the type of occupation and experience Open Educational Resources and if relevant the experience with manual review.

What will happen to your personal data at the end of the research project?

The project is scheduled to end on July 31st, 2022. After this period, all data will be anonymised, and no further personal information will be kept.

Your rights

So long as you can be identified in the collected data, you have the right to:

- access the personal data that is being processed about you
- request that your personal data is deleted
- request that incorrect personal data about you is corrected/rectified
- receive a copy of your personal data (data portability), and
- send a complaint to the Data Protection Officer or The Norwegian Data Protection Authority regarding the processing of your personal data

What gives us the right to process your personal data?

We will process your personal data based on your consent.

Based on an agreement with Norwegian University of Science and Technology, Data Protection Services has assessed that the processing of personal data in this project is in accordance with data protection legislation.

Where can I find out more?

If you have questions about the project, or want to exercise your rights, contact:

- Norwegian University of Science and Technology via Hanna Eide Solstad, which is the student at hannaes@stud.ntnu.no, or the supervisor Sofia Papavlasopoulou at spapav@ntnu.no.
- Our Data Protection Officer: Thomas Helgesen, by email: thomas.helgesen@ntnu.no
- Data Protection Services, by email: (personverntjenester@sikt.no) or by telephone: +47 53 21 15 00.

Yours sincerely,

Hanna Eide Solstad, Student

Sofia Papavlasopoulou, supervisor

Consent form

I have received and understood information about the project Measuring the quality of OER automatically using characteristics and have been given the opportunity to ask questions. I give consent:

to participate in an online survey

I give consent for my personal data to be processed until the end date of the project, approx. July 31st, 2022.

(Signed by participant, date)