Plan Overview

A Data Management Plan created using DMPonline

Title: Flood risk labels: An investor's perspective

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Template: TU Delft Data Management Plan template (2021)

Project abstract:

There is a fast moving debate surrounding the introduction of climate risk labels on the housing market in the Netherlands. Some argue it would improve transparency on the risks while other are more concerned about the market disruptions this would bring. This thesis further explores the effects of flooding risk labels on the housing market, looking at the owned, private rental and social rental markets. To do so, the actions perspectives are put from an investors point of view. Through interviews and expert panels with professionals, the considerations of the climate risk label becomes clear on what the risks are truly about as there are many forms of flood risks; from main water systems to regional in protected or unprotected areas and simply through heavy rainfall. Based on what water labels that have already been explored, an expectation can be formed on the possible risk label we could see in the future, and what the investor's driver would be to adapt to climate risks. When climate changes and it's flooding risks, housing labels and the effects on housing affordability has been explored, the research question may be answered: How do water risk labels impact the decision-making process of main real estate investors their investment strategy for investments in residential real estate in the Netherlands?

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Copyright information:

Flood risk labels: An investor's perspective

0. Administrative questions

1. Name of data management support staff consulted during the preparation of this plan.

None.

2. Date of consultation with support staff.

I. Data description and collection or re-use of existing data

3. Provide a general description of the type of data you will be working with, including any re-used data:

Type of data	File format(s)	How will data be collected (for re-used data: source and terms of use)?	Purpose of processing	Storage location	Who will have access to the data
Contact information of potential respondents (email, names, phone numbers)	.cvs files	Networking, enquiry through email, calling	Communication	Project storage	The researcher (Rick Gorter)
Questionnaire dataset	Qualtrics, .cvs files	Qualtrics questionnaire	Analysis of data, report conclusions	Qualtrics, Project storage	The researcher (Rick Gorter), Supervisors (Zac Taylor, Michaël Peeters)
Notes of expert meeting	.doc files	Writing, typing, discussions	report conclusions	Project storage	The researcher (Rick Gorter), Supervisors (Zac Taylor, Michaël Peeters)

4. How much data storage will you require during the project lifetime?

- < 250 GB

II. Documentation and data quality

5. What documentation will accompany data?

- Methodology of data collection

The methodology of data collection is described in the thesis.

III. Storage and backup during research process

6. Where will the data (and code, if applicable) be stored and backed-up during the project lifetime?

- Another storage system - please explain below, including provided security measures
- SURFdrive

Project storage drive and Outlook servers (TU Delft accounts).

IV. Legal and ethical requirements, codes of conduct

7. Does your research involve human subjects or 3rd party datasets collected from human participants?

- Yes

8A. Will you work with personal data? (information about an identified or identifiable natural person)

If you are not sure which option to select, first ask your Faculty Data Steward for advice. You can also check with the privacy website . If you would like to contact the privacy team: privacy-tud@tudelft.nl, please bring your DMP.

- Yes

8B. Will you work with any other types of confidential or classified data or code as listed below? (tick all that apply)

If you are not sure which option to select, ask your Faculty Data Steward for advice.

- Yes, data which could lead to reputation/brand damage (e.g. animal research, climate change, personal data)
- Yes, data related to competitive advantage (e.g. patent, IP)
- Yes, confidential data received from commercial, or other external partners

9. How will ownership of the data and intellectual property rights to the data be managed?

For projects involving commercially-sensitive research or research involving third parties, seek advice of your Faculty Contract Manager when answering this question. If this is not the case, you can use the example below.

Data received from the questionnaire is bundled in type of organisation. Email adresses may be saved but not connected to the dataset. These adresses may be saved in a different file on alphabetical order to remove tracability. The bundled results will be used in the report, presentation and discussions. After the project has been finished, datasets will be deleted. The report will be free to acess on the TU Delft repository.

10. Which personal data will you process? Tick all that apply

- Email addresses and/or other addresses for digital communication

11. Please list the categories of data subjects

Individuals actively involved in residential investment projects.

12. Will you be sharing personal data with individuals/organisations outside of the EEA (European Economic Area)?

- No

15. What is the legal ground for personal data processing?

- Informed consent

16. Please describe the informed consent procedure you will follow:

An informed consent template is used from the TU Delft template options. This consent procedure is presented at the beginning of the questionnaire.

17. Where will you store the signed consent forms?

- Other - please explain below

Respondents give consent within the questionnaire. This will not be stored as results are anonymous.

18. Does the processing of the personal data result in a high risk to the data subjects?

If the processing of the personal data results in a high risk to the data subjects, it is required to perform a Data Protection Impact Assessment (DPIA). In order to determine if there is a high risk for the data subjects, please check if any of the options below that are applicable to the processing of the personal data during your research (check all that apply).
If two or more of the options listed below apply, you will have to complete the DPIA. Please get in touch with the privacy team: privacy-tud@tudelft.nl to receive support with DPIA.
If only one of the options listed below applies, your project might need a DPIA. Please get in touch with the privacy team: privacy-tud@tudelft.nl to get advice as to whether DPIA is necessary.
If you have any additional comments, please add them in the box below.

- None of the above applies

22. What will happen with personal research data after the end of the research project?

- Personal research data will be destroyed after the end of the research project
- Anonymised or aggregated data will be shared with others

23. How long will (pseudonymised) personal data be stored for?

- Other - please state the duration and explain the rationale below

Once the master's thesis is finished, all personal data will be deleted.

24. What is the purpose of sharing personal data?

- Other - please explain below

Personal data will not be shared.

25. Will your study participants be asked for their consent for data sharing?

- Yes, in consent form - please explain below what you will do with data from participants who did not consent to data sharing

Without consent, there can be no participation in the questionnaire.

V. Data sharing and long-term preservation

27. Apart from personal data mentioned in question 22, will any other data be publicly shared?

- No other data can be publicly shared - please explain below why data cannot be publicly shared

The dataset from the questionnaire contains non-personal information. This dataset is not shared upon presentation of the report. Notes from the expert panel will also not be included.

29. How will you share research data (and code), including the one mentioned in question 22?

- No data can be publicly shared - please explain below

Upon publication of the thesis manuscript in TU Delft's research repository, the data will be accessible exclusively through the thesis report. The dataset will be deleted after the project.

VI. Data management responsibilities and resources

33. Is TU Delft the lead institution for this project?

- Yes, the only institution involved

34. If you leave TU Delft (or are unavailable), who is going to be responsible for the data resulting from this project?

The supervisors (Zac Taylor, Michaël peeters, Maria Villalba Muñoz)

35. What resources (for example financial and time) will be dedicated to data management and ensuring that data will be FAIR (Findable, Accessible, Interoperable, Re-usable)?

The results of the questionnaire will be shared through the final results/presentation. Each respondent has the chance to opt for a follow-up email with the project results. During the expert meeting, notes are taken and shared with the participants.