
Plan Overview

A Data Management Plan created using DMPOnline

Title: Waterfront regeneration and place management: a case study of Plymouth.

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Template: DCC Template

Project abstract:

As the UK's first designated National Marine Park, Plymouth's waterfront and foreshore has vast amounts of opportunities for waterfront urban regeneration. Currently, its operationalisation presents both opportunities and barriers for placemaking and place management, therefore, this research will be pioneering and potentially establish a 'template' of approaches needed to better manage Plymouth's waterfront for the benefit of people, place, and planet. This MSc dissertation research will assess the urban design of spaces along the waterfront focusing on the four main gateways (The Hoe foreshore, Mount Batten, Mount Edgcumbe and Firestone Bay), assessing the connectivity to and from each gateways and activities that take place in each location. This will be achieved by carrying out a townscape analysis. The research will interview relevant stakeholders who are associated with Plymouth's waterfront and foreshore and focus on their views about the place making opportunities and challenges of this area. Furthermore, as the foreshore area is managed and owned by multiple stakeholders, place management recommendations will be created to better govern Plymouth's waterfront.

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Waterfront regeneration and place management: a case study of Plymouth.

Data Collection

What data will you collect or create?

The data will be collected in the form of semi-structured interviews and will be conducted online via a safe, university recommended system. Semi-structured interviews have been chosen as a suitable method because they allow the researcher to gain insight into the opinions and attitudes of the interviewees, facilitating more informal probing and generating explicit information. The data collected from these interviews will be majoritively qualitative, but with the option to create some quantitative data once the interviews have been carried out.

How will the data be collected or created?

The data will be collected via audio recordings (phone or zoom recordings) which will then be transcribed or hand written note dependent upon the preference of the participant. These audio recordings will be destroyed once they have been transcribed. If the participants do not wish to be recorded, there will be an option to have notes taken which will then be destroyed post data analysis. Data will be named in separate folders in accordance with required naming conventions to ensure security of the data.

Documentation and Metadata

What documentation and metadata will accompany the data?

Quantitative data will undergo basic analysis through conversion to percentages to better interpret the result. The qualitative results will undergo transcription using NVivo 12 and simple word analysis for themes, as well as general interpretation of the main themes just by eye.

Once the data has been collected and analysed it will then be submitted and stored in the University of Plymouth One Drive. This will include metadata which will consist of a statement on the aims and objectives of the project, details of data collection methods (including the interview questions used, information and consent sheets) and data analysis methods.

Ethics and Legal Compliance

How will you manage any ethical issues?

I have followed the guidance of the Faculty of Science and Engineering Research and Integrity Committee which has ensured all the relevant ethical issues are addressed as part of the consenting process. For example, participants will remain anonymous (a job title is the only personal information collected) and data will remain on the secure University of Plymouth one drive and will not be shared. Furthermore all the participants will be academic or industry professions, with no at risk groups included, so fully informed consent can be given. Consent will be obtained from participants to use the data generated. No identifying information will be collected as it is not necessary for the project. Participants will be kept informed about the nature and aim of the study, and the usage of any data collected and it will be made clear that the data will be securely stored, handled in line with GDPR regulations and University of Plymouth research protocols.

How will you manage copyright and Intellectual Property Rights (IPR) issues?

Researchers creating data typically hold copyright in their data. Most research outputs including spreadsheets, publications, reports and computer programs fall under literary work and are therefore protected by copyright. Facts, however, cannot be copyrighted. The creator is automatically the first copyright owner unless there is a contract that assigns copyright differently or there is a written transfer of copyright signed by the copyright owner (<https://ukdataservice.ac.uk/media/622417/managingsharing.pdf>, 2011).

Storage and Backup

How will the data be stored and backed up during the research?

All raw data, and the Primary data will be stored on One Drive (Cloud) and on a password protected personal computer. Storage space is not anticipated to be a problem and the University of Plymouth's One Drive service is designed to restore the data in the event of any incident or loss of information.

The data will be password protected and only the Principal Investigator has the password.

The Principal Investigator will ensure that files are not left open / visible on any computer screen when away from the screen, by logging out of the One Drive account.

Following a thorough consent process, the participants' real names will be kept separately from the data and they will be assigned an anonymous numerical 'pseudonyms' and will be securely kept in a folder within the password-protected University One Drive account of the Principal Investigator.

Upon respondents giving permission for audio recording, this will be undertaken on the personal mobile of the Principal Investigator which is password protected and accessible only by the Principal Investigator. The other option is to record via Zoom, which is a university recommended system and again is password protected and accessible only by the Principal Investigator.

The data will be uploaded promptly to the One Drive account and the material deleted from the mobile. This will always be done before midnight on the day of the data collection.

How will you manage access and security?

The risks to data security will be mitigated by One Drive back up and the data being stored securely in anonymised folders. The Principal Investigator will be able to access the data via One drive and there are no other identified collaborators at this time.

Data collected in the field such as interviews will be obtained and transported solely by the Principal Investigator and transferred within the same day into the folders on the One Drive and the original hand notes and/or audio destroyed.

Selection and Preservation

Which data are of long-term value and should be retained, shared, and/or preserved?

No personal data from participants should be held after the research is finished and it is the responsibility of the researcher to destroy all collected data.

Interview responses will be deleted and/or destroyed after 10 years. Contact details of participants will be deleted when the project is completed and all OneDrive storage kept for 10 years after when it will be deleted or destroyed

What is the long-term preservation plan for the dataset?

Once the data has been collected and analysed it will then be submitted and stored in the University's data repository Pearl. No costs have been identified at this stage in relation to this process and the Project schedule takes account of the time and effort in preparing the data for the repository.

Data Sharing

How will you share the data?

The data will be shared with the Director of Studies and any external examiners with all data anonymised.

Are any restrictions on data sharing required?

No restrictions required.

Responsibilities and Resources

Who will be responsible for data management?

Data capture, metadata production, data quality, storage and backup, data archiving and data sharing will all be overseen by Bethan Tanton, the principal investigator.

What resources will you require to deliver your plan?

There is no additional expertise or costs identified at this stage.