Plan Overview

A Data Management Plan created using DMPonline

Title: Climate Resilient Development in Urban Planning: Integration of Mitigation, Adaptation, and Development in Cork and Galway

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Climate Resilient Development in Urban Planning: Integration of Mitigation, Adaptation, and Development in Cork and Galway

Data Collection

What data will you collect or create?

The research will collect qualitative data through semi-structured interviews with urban planners, municipal staff, and public servants working in the cities of Cork and Galway, Ireland. Approximately 6–8 participants will be interviewed. The data collected will include audio recordings of interviews, interview transcripts, and analytical notes created during the research process. The data will focus on participants' professional perspectives on the integration of climate mitigation, climate adaptation, and sustainable development within urban planning processes and policy documents.

How will the data be collected or created?

Data will be collected through audio-recorded online or in-person interviews. The recordings will be transcribed using transcription software, after which the transcripts will be used for qualitative analysis. Additional notes and coded analytical files will be created during the analysis phase.

Documentation and Metadata

What documentation and metadata will accompany the data?

Basic documentation will be created to ensure the data can be understood and used during analysis. This will include an interview guide, consent forms, anonymisation notes, and a coding structure used during analysis. File naming conventions and brief descriptions of each dataset (e.g., transcript files and audio recordings) will be maintained to ensure clear organization.

Ethics and Legal Compliance

How will you manage any ethical issues?

Participation will be voluntary and based on informed consent. Participants will receive an information sheet explaining the purpose of the research, how their data will be used, and their right to withdraw from the study. Interviews will focus on participants' professional experiences and perspectives. To minimize potential risks, participants will be asked not to disclose confidential or sensitive institutional information. Personal identifiers will be removed from transcripts during the analysis process to ensure anonymity.

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

Participants retain the rights to their personal contributions. The researcher will use interview data solely for the purposes of this academic research project. Any quotations used in the thesis will be anonymised. All external sources and policy documents used in the research will be properly cited according to academic standards.

Storage and Backup

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

All research data, including audio recordings, transcripts, and analysis files, will be stored on the university's secure cloud storage system (e.g., OneDrive). Files will be regularly backed up within this secure environment to prevent data loss.

How will you manage access and security?

Access to the data will be restricted to the researcher. Personal contact information collected for communication and consent purposes will be stored separately from interview data. Password-protected devices and secure university storage systems will be used to ensure data security.

Selection and Preservation

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

Given the small number of participants and the potentially identifiable nature of qualitative interview data, raw interview data will not be retained for long-term sharing. Only the final research outputs, such as the Master's thesis, will be preserved.

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

All interview recordings, transcripts, and related research data will be securely deleted after the completion and submission of the thesis.

Data Sharing

How will you share the data?

The research findings will be shared through the Master's thesis and potentially presentations or academic discussions related to the research topic.

Are any restrictions on data sharing required?

Yes. Due to confidentiality and the potential identifiability of participants, raw interview data and transcripts will not be publicly shared. Only anonymised findings and aggregated insights will be included in the thesis.

Responsibilities and Resources

Who will be responsible for data management?

The researcher conducting the study will be responsible for all aspects of data management, including data collection, storage, anonymisation, and deletion.

What resources will you require to deliver your plan?

The research will rely on secure university cloud storage (e.g., OneDrive), transcription software, and standard qualitative data analysis tools. No additional specialized resources are required.