Intersection Safety for the Vulnerable

Data Collection

What data will you collect or create?

Visual data from cameras. File format will be standard JPG or PNG

How will the data be collected or created?

Data will be collected with outdoor cameras. Synthetic data may be created to inject people with vulnerabilities into images. Data will be periodically reviewed for quality.

Documentation and Metadata

What documentation and metadata will accompany the data?

All documentation for reading the data will be documented in an internal wiki page.

Ethics and Legal Compliance

How will you manage any ethical issues?

Any images containing faces or license plates will be blurred.

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

Data will be shared with academic researchers. They must agree to a data sharing license.

Storage and Backup

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

s Data will be stored on a secure server in a lab on CMU's main campus. Backup will occur on a weekly basis.

How will you manage access and security?

Access to the data will be restricted to those on the project team.

Selection and Preservation

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

Any date used in the final report will be saved for long-term use.

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

Data will remain on secure server for up to one year after the project ends. Otherwise the data will be archived to a separate hard drive system.

Data Sharing

How will you share the data?

Data will be shared via a website.

Are any restrictions on data sharing required?

Academic, non-profit use only.

Responsibilities and Resources

Who will be responsible for data management?

Robert Tamburo will implement the DMP and each data management activity

What resources will you require to deliver your plan?

No additional resources required to deliver plan.

Planned Research Outputs

Dataset - "Vulnerable Dataset"

Images of vulnerable people at an intersection.

Planned research output details

Title	Type	Anticipated release date	Initial access level	Intended repository(ies)	Anticipated file size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
Vulnerable Dataset	Dataset	Unspecified	Open	None specified		None specified	None specified	Yes	Yes