Increasing Work Zone Safety: Worker Behavioral Analysis With Integration of Wearable Sensors and Virtual Reality Dataset

Dataset available at: https://doi.org/10.5281/zenodo.3906942 and https://doi.org/10.5281/zenodo.3906904

(This dataset supports report **Increasing Work Zone Safety: Worker Behavioral Analysis With Integration of Wearable Sensors and Virtual Reality**)

This U.S. Department of Transportation-funded dataset is preserved in the Zenodo Repository (https://zenodo.org/), and is available at https://doi.org/10.5281/zenodo.3906942 and https://doi.org/10.5281/zenodo.3906904

The related final report **Increasing Work Zone Safety: Worker Behavioral Analysis With Integration of Wearable Sensors and Virtual Reality**, is available from the National Transportation Library's Digital Repository at https://rosap.ntl.bts.gov/view/dot/58703

Metadata from the Zenodo Repository record: https://doi.org/10.5281/zenodo.3906904
Title: Workers safety project Apple Watch application
Author: Yubin Shen
Description: This is an Apple Watch application developed to deliver alarms on the wrist of a construction worker when he/she is working in a virtual construction environment. This data can be requested by contacting Dr. Semiha Ergan at semiha@nyu.edu.
Publication Date: June 24, 2020
DOI: 10.5281/zenodo.3906904
Keywords: Apple Watch, Application, Worker Safety
Communities: C2SMART Connected Cities with Smart Transportation
Versions: Version 1
Recommended citation:
Yubin Shen. (2020). Worker safety project Apple Watch application. Zenodo. https://doi.org/10.5281/zenodo.3906904

Metadata from the Zenodo Repository record: https://doi.org/10.5281/zenodo.3906942
Title: Point cloud data for worker safety project
Author: Zhengbo Zou
Description: This three files are the scanned data for the worker safety project. The scanned location includes two urban intersections and a part of an urban highway. These three files can be opened by Autodesk Recap, which is a point cloud manipulating software. This data can be requested by contacting Dr. Semiha Ergan at semiha@nyu.edu
Publication Date: June 24, 2020
DOI: 10.5281/zenodo.3906942
Keywords: Point cloud, Laser Scanning, LiDAR data
Communities: C2SMART Connected Cities with Smart Transportation
Versions: Version 1

Recommended citation:
Zhengbo Zou. (2020). Point cloud data for worker safety project [Data set]. Zenodo. https://doi.org/10.5281/zenodo.3906942

Dataset description:
To gain access to these datasets you first need to submit a request by contacting Dr. Semiha Ergan at semiha@nyu.edu.

National Transportation Library (NTL) Curation Note:
As this dataset is preserved in a repository outside U.S. DOT control, as allowed by the U.S. DOT's Public Access Plan (https://ntl.bts.gov/public-access) Section 7.4.2 Data, the NTL staff has performed ***NO*** additional curation actions on this dataset.

NTL staff last accessed this dataset at https://doi.org/10.5281/zenodo.3906942 and https://doi.org/10.5281/zenodo.3906904 on 2022-03-29.

If, in the future, you have trouble accessing this dataset at the host repository, please email NTLDataCurator@dot.gov describing your problem. NTL staff will do its best to assist you at that time.