

Plan Overview

A Data Management Plan created using DMPTool

Title: Air Quality Project in South Phoenix

Creator: Adam Ceh - ORCID: [0000-0001-8741-8669](https://orcid.org/0000-0001-8741-8669)

Affiliation: Arizona State University (asu.edu)

Funder: Digital Curation Centre (dcc.ac.uk)

Template: Digital Curation Centre

Project abstract:

People living in South Phoenix are disproportionately affected by poor air quality compared to other areas in the Phoenix metro area. Environmental, political and social policies have negatively affected the air quality in the South Phoenix neighborhoods leading to an increase in health issues for its inhabitants.

Start date: 08-20-2021

End date: 05-01-2022

Last modified: 04-25-2022

Copyright information:

The above plan creator(s) have agreed that others may use as much of the text of this plan as they would like in their own plans, and customize it as necessary. You do not need to credit the creator(s) as the source of the language used, but using any of the plan's text does not imply that the creator(s) endorse, or have any relationship to, your project or proposal

Air Quality Project in South Phoenix

Research Table: Numerous online, journal, etc articles that are applicable to the project

Air Quality Sensor Data: Use excel to analyze air quality data and look for trends

Meeting Minutes: Summary of weekly meeting with the team

Secondary Research: Collected in a shared research table

Primary Research: Interviews and air quality sensor data collection and analysis

Software: Excel, Powerpoint, Visio, Word, Microsoft Project

Documentation: Meeting minutes, research table, power points, project reports

- Identify the issue
- Don't over exaggerate
- Keep agreements and act sincerely

We will make sure we have reliable sources and properly display that we are not the owners of the IP. We will cite all of our sources regardless if the data is owned or not.

Everything we write will be backed up on Google Drive in addition to having copies on our personal computers.

We will work on private pages on Google Drive and only give access to people who need to work on it and/or read it.

- Data that lead to an important cause of a problem or to solve should be preserved
- Statistics and numbers are always present as proof to back up the argument regarding the issue.
- All team members will have a copy of the dataset as well as being backed up on drive.
- Data should be saved in multiple ways as it would be important to include in future resumes when applying for jobs or internships.
- Share all data with sponsor as a research, scope statements,...etc
- Publish the team website for all people.
- Spreading the research over social media could assist in actions taking.
- Share to students in similar engineering field as an example of what are you expected to work on in the future.

- Data should not be used by other people as their own work, only as a reference.
- Data should only be available to raise awareness and take action to solve the issue

Since this is a two person team, both members will be equally responsible for painting data management.

Extensive research is needed in order to deliver our plan.
