

Abie Safdie (592 - Working solo)  
Web Mapping Project Proposal

**Briefly summarize your project. Why is it interesting or important? Who is the intended audience?**

I intend my project to be a map of Eugene that scores greenery/vegetation by a specific unit of area, possibly half square mile blocks. However, this unit size is subject to change as I start working on the project and learn what will work best. Further, as of now, I intend to make it a choropleth map, with different shades representing the level of greenery.

To score the level of greenery by area I intend to use data provided by the city of Eugene. This data has information on the number of trees in a specific area and their species. Hence, a higher score will correlate to an area with a greater number of trees and diversity, etc. I also plan to incorporate other greenery metrics such as parks.

I believe this project will be interesting and important because getting a visual representation of what areas are the most green is something that would provide users with a fresh perspective on areas that they might want to explore. Further, it could provide a visual representation of what areas are lacking in greenery and green spaces, and hence motivation to invest in these areas' green spaces.

The intended audience of this project is people of Eugene who want to find places to explore and/or live that are high in greenery. Further, public policy officials who lead investments on funding green spaces such as public parks, as this map will tell them what areas are doing well and what areas need improvement.

**Why is a map (or set of maps) appropriate to present the story?**

A map is necessary to present this story because the visualization of greenery in an area is inherently spatial. We need a map to illustrate the greenery of specific areas and how they relatively compare to their neighboring areas. I believe, as stated before, that a Choropleth map will be best suited for this map.

**What is the geographic area that will be covered? Will you use a local, regional, or global scale?**

The city of Eugene's boundaries will be the geographic area that is covered. I will use a local scale. So, I intend to have that map restricted and pre-zoomed to the city of Eugene.

**What data sources are available for this topic? Already identified or potential?**

The city of Eugene has so much data for this project! They have .shp and .geojson files that have city zoning, green space, vegetation/tree data, and more.

Here is where I will get this data: <https://mapping.eugene-or.gov/>

For example, this is the tree data:

<https://mapping.eugene-or.gov/search?groupIds=d6ad5aca43734743862e200cdc412ebd>

**Include a sketch (computer or hand done) that describes the anticipated UI features and a UX-interaction diagram.**

Attached as another doc on canvas.