VIS 2128: Spatial Analysis

Assignment 2

The Past and the Present of Honolulu, Oahu Island of the State of Hawai'i

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- **The Oahu Island of Hawai'i is the main topic of our project for its historical and economic aspects.**
- **We delved into the economic, social, and environmental advancements of Hawaii using the map from 1907.**

Background

- Having two teammates who went to Cornell University, an institution known for the program in hotel administration, our team agreed to select the assignment topic related to renowned tourist spot with booming industry.
- Our team was especially mesmerized by the Aloha State because every single member of our team wants to get married, and Hawaii is undoubtedly one of the most popular honey-moon destinations in these days.
- The main island of Hawaii, Oahu also has historical significance related to colonialization and the World War II – for the Japanese attacked the Pearl Harbor.
- We visited the Harvard Map Collective and retrieved an official map of Honolulu, the capital city of the Hawaiian Islands.

Objective

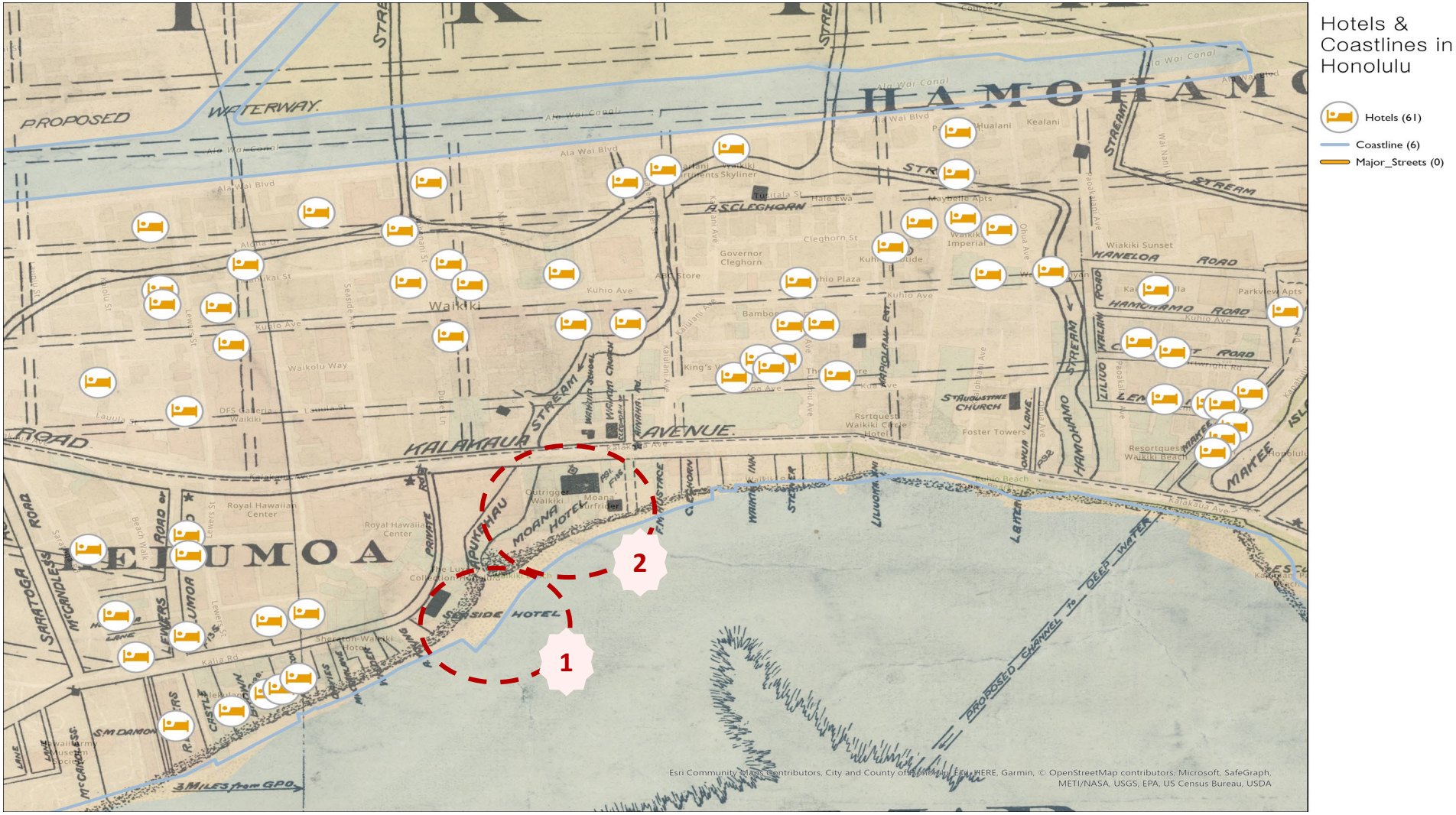
- For this project, we were intrigued to chart the development of Honolulu over the years, into the 21st century to better understand the infrastructure and amenities from a spatial perspective.
- Therefore, our team took initiative to investigate the progress of development in the following two facets:
  - Economic
  - Social
- Last, we delved into the safety of the Honolulu for residents.

Contribution

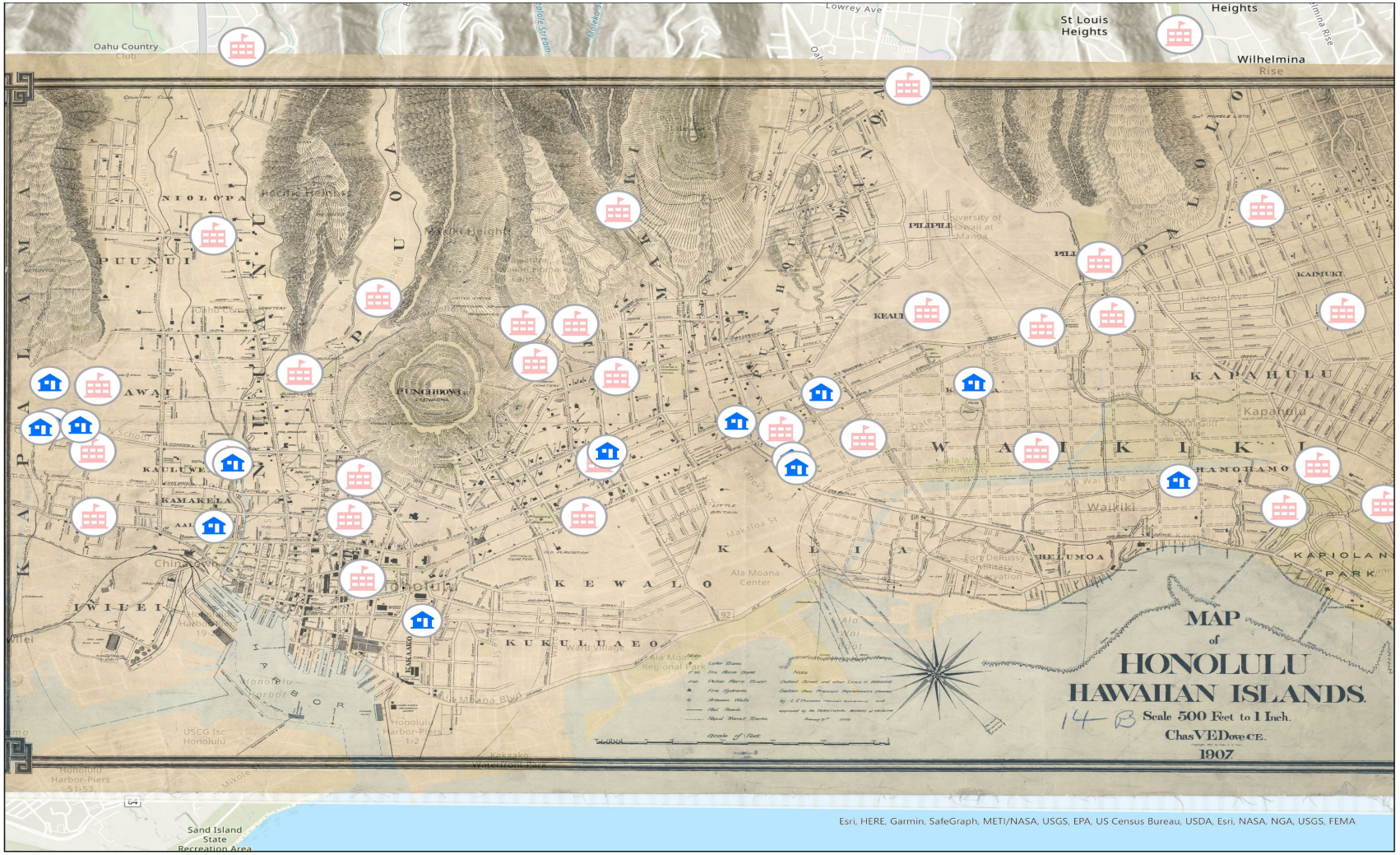
- For this project, each teammate contributed equally.
- Therefore, please note that we agree to receive the same 10 points per person.

Source : Hollis, Harvard Map Collective

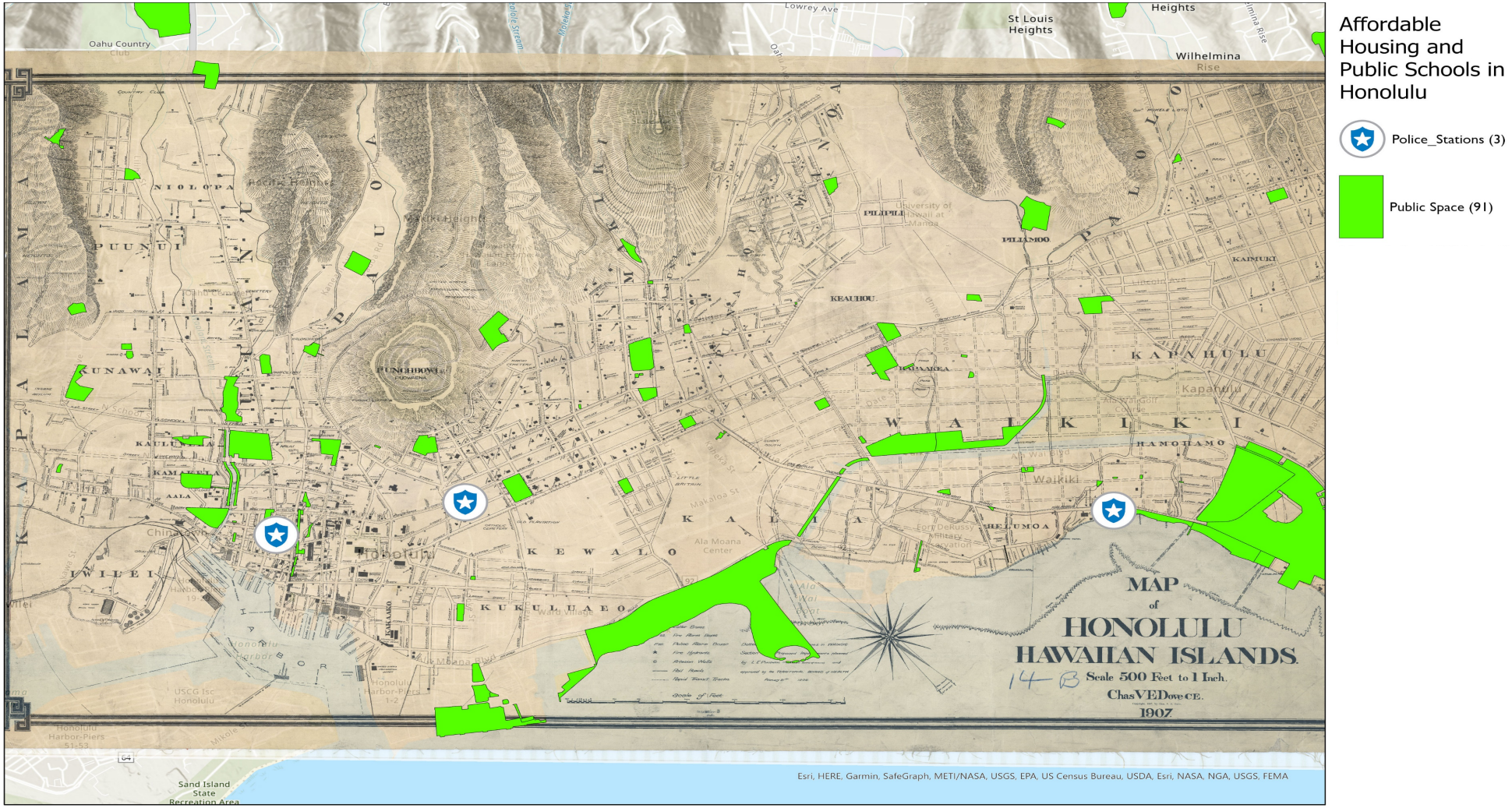
- **In 1907 in the Waikiki Beach, there were only two hotels : Seaside Hotel and Moana Hotel.**
- **Currently, there are 61 hotels and resorts in Honolulu, many of which are within walking distance from the coastline.**
- **Therefore, this georeferencing result proves that Honolulu indeed experienced boom in Tourism.**



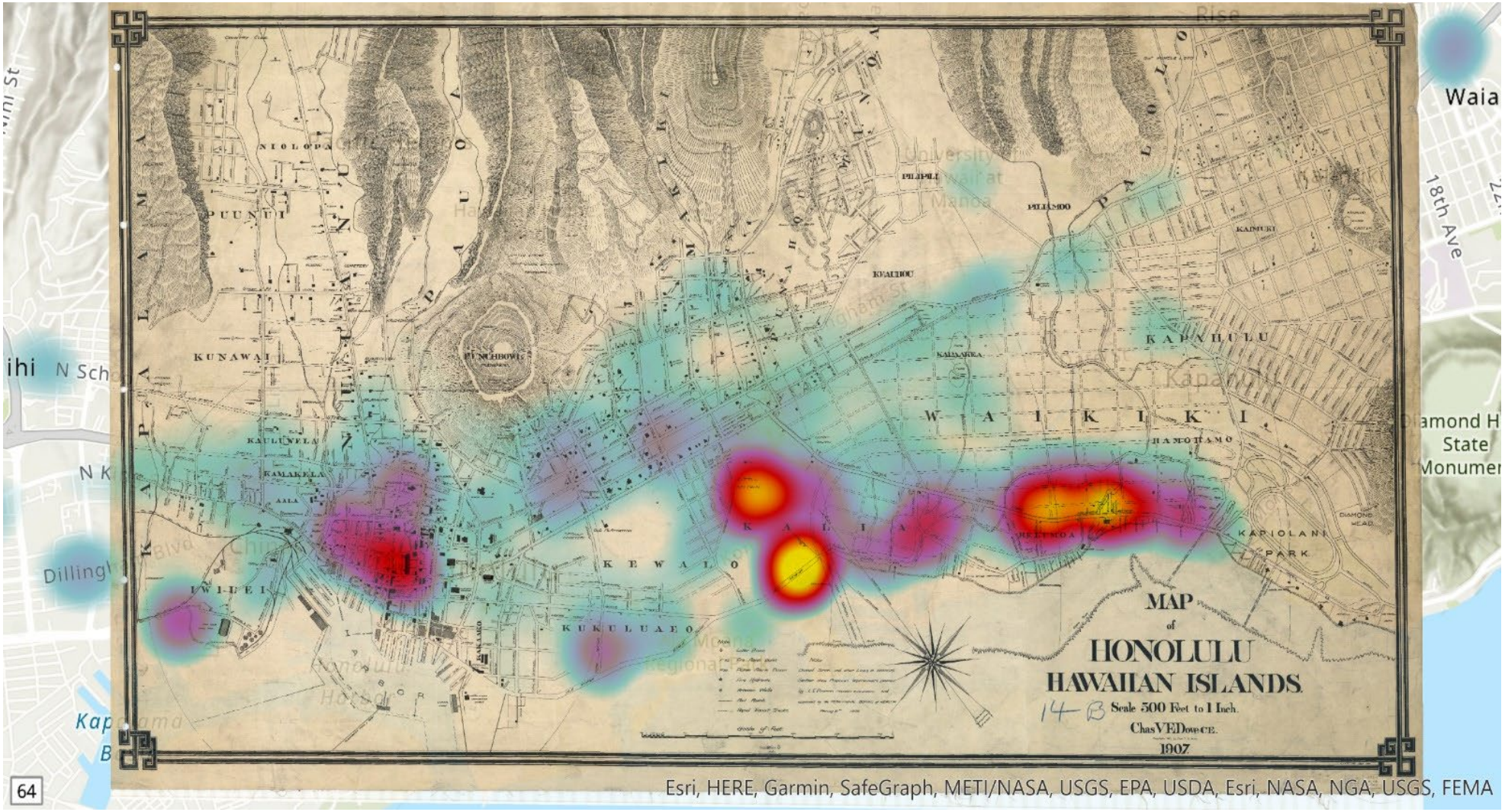
- **We seeked to gain spatial awareness over the distribution of social amenities to the residents.**
- **Thus, we focused on two representative data points that affected day to day life – schools and housing.**
- **Areas of future research could include the distance needed to travel from affordable housing to schools.**



- **We wanted to grasp general safety levels of Honolulu since it is a booming tourist spot.**
- **There were only 3 police stations in relation to 91 public spaces; severe disparity in the numbers were spotted.**
- **For further research, we shall find crime levels in this area in order to validate our assumptions on safety.**



- **Though beyond the scope of assignment, our team investigated crime rates and found hot spots along the coastline.**
- **While the sate enjoys relatively low levels of poverty, certain ethnic groups were impoverished to certain extent.**
- **Particularly, indigenous Hawaiians are suffering from an unequal and extractive development following colonization.**



THANK YOU VERY MUCH!

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