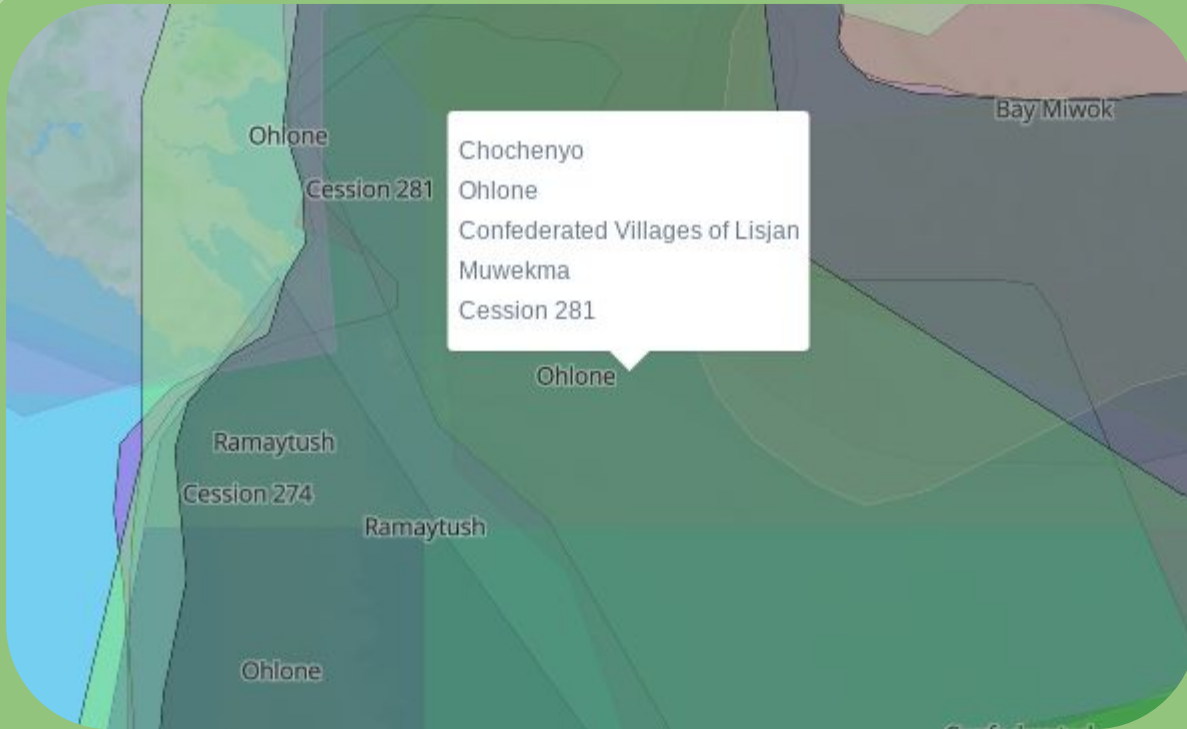


Climate justice community

Mapping and Action projects

Carmen





**Native tribe-
Ohlone**

**Language-
Chocheny**

**Territory-
Muwekma**

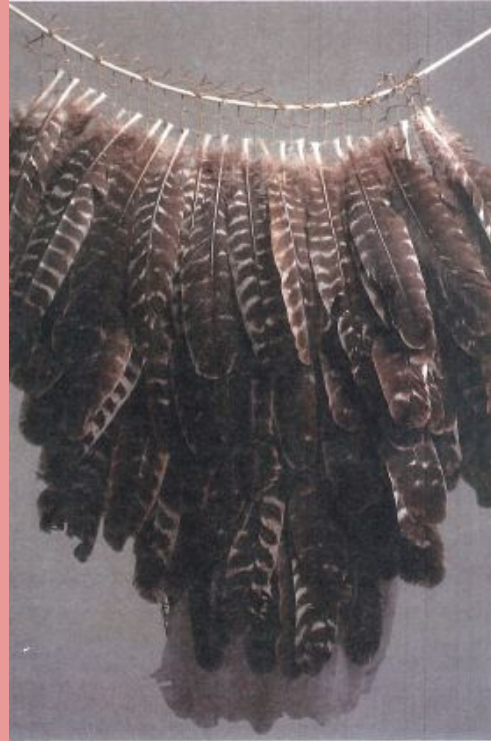
**Treaties-
Cession 281**

My home resides on Ohlone land and they speak Chocheny

Who the tribe is through a primary source

“ The last time we danced was at the Mission San Jose Centennial in 1897. Today we are making history for our people as we continue to work on our dance regalia and traditional dances with other California natives and tribes.”

“We are also engaging tribal members to learn about traditional native plants and their uses by coming together to plant native gardens”



how to best educate the public, which we have been doing since the 1980s, by providing presentations about our pre-contact and post-contact history, heritage, and language to a multitude of schools. Over the years, we have worked with various local museums on exhibitions and have set up educational booths at community events such as local powwows and the Santa Clara County American Indian Heritage Celebration.

Concurrently, we revitalized our Chochenyo language in 2002 and our traditional dances earlier this year. In March we danced for the first time in over 125 years. That was a very historic time for our tribe and our people. The last time we danced was at the Mission San Jose Centennial in 1897. Today we are making history for our people as we continue to work on our dance regalia and traditional dance with other California natives and tribes. We are also engaging tribal members to learn about traditional native plants and their uses by coming together to plant native gardens. We recently planted the Muwekma Four Directions Native Plant Garden at the Stanford University Farm. The roles of tribal chair and vice chair were ultimately passed along to the present-day leadership, and we have continued advocacy in this tradition.

How does your cultural revitalization work impact you personally? My personal involvement with the Muwekma Ohlone Tribe began in 1997 when my family asked me to serve on the Muwekma Ohlone Tribal Council. From that day on, I have been committed to helping my tribe in the fight to regain our federal recognized status. It has not been an easy path, but it has been my honor and privilege to work hard alongside our tribal leadership and members. I have tried to instill these morals and values in my son Lucas, as he is the next generation of leaders for our tribe. He now helps to present public Muwekma Tribal Land Acknowledgements, has learned to dance, and is learning the Chochenyo language. Lucas proudly represents the Muwekma Ohlone Tribe.



Functionality-

To eat

Edible-

Is edible and is to eat.
Can be fresh or dried leaves and is used in many dishes. Fresh leaves can also be used in a salad or to infuse oil or vinegar.

Medicinal

-Are used to make medicine

-commonly used for stomach problems

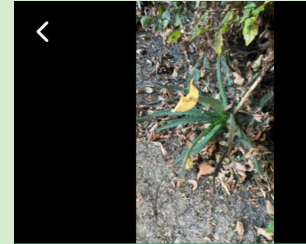
-It has health benefits
Benefits like your digestive and nervous systems

-ensures proper pH balance in body



YOU OBSERVED A NEW SPECIES!

Sweet Basil



PLANT

Aloe Vera

Functionality-

A medicinal plant used a lot to treat skin problems
Also
Other properties like anti cancer, antidiabetic, and antioxidant stuff.

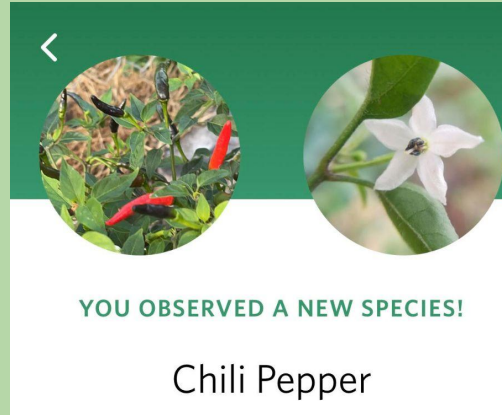
Edible-

You can eat it raw or cooked
Both the clear gel and yellow latex in the leaf

medicinal-
Use to treat skin injuries and problems

-Also digestive problems

-has wound healing abilities



Edible-

Is edible used to add spice and flavor to dishes

Medicinal-

Health benefits=
Improved digestion, cardiovascular health, metabolism, reduced risk of cancer (maybe), fights inflammation, help migraines

Functional-

To eat and put in dishes

-Contains lots of vitamin C and A which greatly helps a well functioning immune defense

Land back in Oakland!

This piece was produced in collaboration with News from Native California, a nonprofit quarterly magazine devoted to the vibrant cultures, arts, languages, histories, social justice movements, and stories of California's diverse Indian peoples.

On the surface, Sequoia Point seems like another lovely spot in a Bay Area park, with gnarled oaks, towering old-growth redwoods and a glorious view of the Bay. But this scenic overlook in Oakland's Joaquin Miller Park has now acquired new significance, and a new Chochoyeno name—Rinihmu Pulte'irekne, meaning "Above the Red Ochre"—because the city government has voluntarily returned it to Indigenous hands.

Like many Indigenous groups in the Bay Area and along the California coast, the Confederated Villages of Lisjan is not a federally recognized tribe, which makes it incredibly difficult to reclaim land. Oakland has become the first city in the Bay Area to return public land to a tribal entity without that recognition. The city created a cultural conservation easement that gives the Indigenous-led Sogorea Te' Land Trust stewardship over the land in perpetuity.

It's a blueprint that other cities could follow to return public land to Indigenous communities, according to Corrina Gould, Lisjan tribal chair and co-founder of the land trust, a nonprofit conservation organization. The trust represents Ohlone and urban Indigenous people from various tribes living in the East Bay.

"This little piece of five acres is going to do a lot to change the landscape of Oakland," Gould says.

"The city created a cultural conservation easement that gives the Indigenous-led Sogorea Te' Land Trust stewardship over the land in perpetuity."

"It's a blueprint that other cities could follow to return public land to Indigenous communities, according to Corrina Gould, Lisjan tribal chair and co-founder of the land trust, a nonprofit conservation organization. The trust represents Ohlone and urban Indigenous people from various tribes living in the East Bay."

Risk Range



DROUGHT RISK

Very High



STORM RISK

High



HEAT RISK

Relatively Low



FLOOD RISK

Relatively Low*



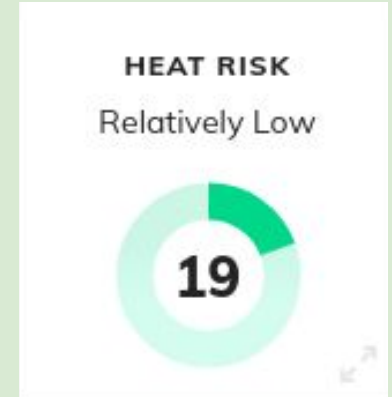
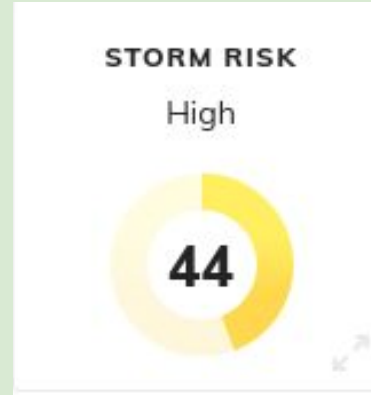
FIRE RISK

Relatively Low



About This Rating

ClimateCheck® ratings reflect hazard risk at a property relative to the rest of the contiguous United States. Ratings are based on projected 2050 risk and the change from historical risk. A rating of 1 represents the lowest risk; 100 is the highest. [See our methodology for details.](#)



My area is at especially high risk because my water stress is at 44% and they say above 40% is at especially high risk. Adding to that its projected that my water stress is gonna rise to 48% in 2050. My drought rate 62 which is surprisingly 16% lower than average for people in california.

An extreme storm for my location is a 48-hour rainfall which is a total greater than 0.7. My yearly rainfall is estimated to increase from 21.8" to 22.4 in 2050. Also in 2050 about 13.9" of rain will fall over 11 extreme storms each year but in the past it was 12.7" of rainfall over 10 extreme storms each year.

For my location a day that is above 84 degrees is considered hot and right now we have had about 7 hot days per year. Though its estimated that it will be about 20 hot days per year in 2050



My area is at a small flood risk



My location has a very low risk of burning

Late 2022 through early 2023 california atmospheric river storms

California experienced 12 atmospheric river storms from late december 2022 to early april 2023.

This resulted in at least 22 people dead with thousands of households without power and snow that trapped people and vehicles

Its estimated cost in damage being 3.5 billion dollars in direct cost

Flood in california...



Walk Score
79

Very Walkable

Most errands can be accomplished on foot.

Transit Score
58

Good Transit

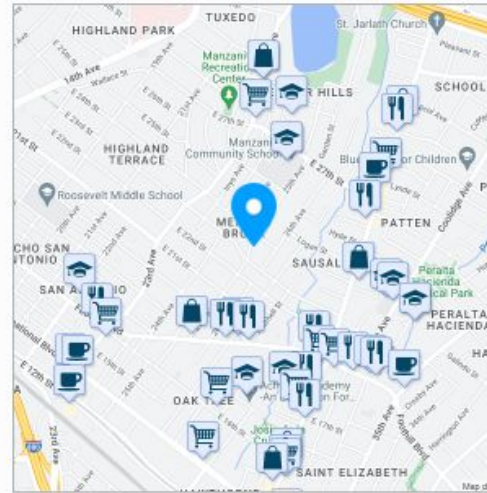
Many nearby public transportation options.

Bike Score
65

Bikeable

Some bike infrastructure.

[About your score](#)



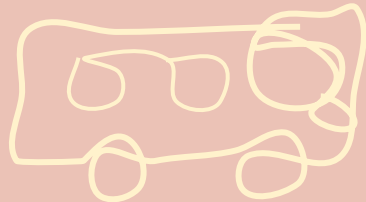
My walk score is 79, It means that the area is very walkable and most errands can be accomplished on foot. When clicking on the graph all of the categories are pretty good but the higher ones being groceries and parks.



Good Transit

Many nearby public transportation options.

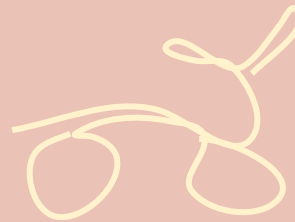
My transit score is 58 and its pretty good with many close public transportation options based on distance and type of transit lines

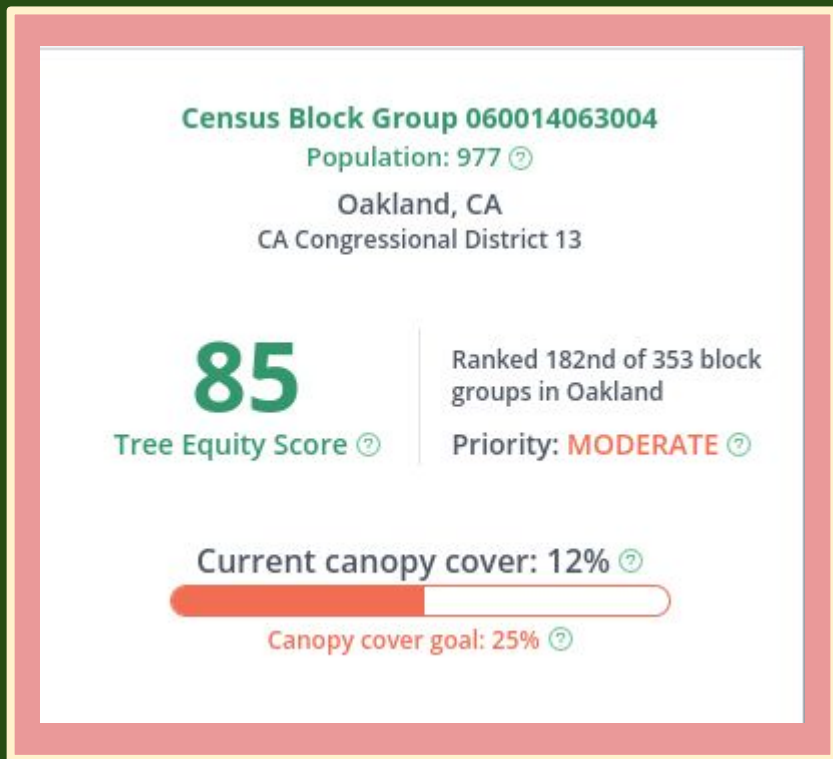


Bikeable

Some bike infrastructure.

My bike score is 65 and its bikeable based on bike lanes, trails, hills, road connection and places





General score= 85/100

Percentage of people of color in your neighborhood:
95%

Percentage of children and seniors:
41%

Percentage in Linguistic Isolation:
13%

Health Burden Index Percentage:
49

Heat Disparity Percentage:
+5.8°

People in Poverty Percentage:
42%

Unemployment Percentage:
3%



Sunflower Alliance

Who is involved?

They have allied with 350 bay area for multiple years and have been a backbone for multiple organizations like protect the bay, no coal in richmond, and etc.

Is it designed for a certain population of people?

Its targeted to all bay area communities threatened by toxic pollution and climate change.

What are their mission, vision, and goals?

There goal is to slow climate catastrophe by stopping the expansion of the fossil fuel industry in our region. To promote environmental justice for communities most directly affected by these industries, also to work for a just transition to a sustainable economy. They want an end to the extractive economies and to replace it with a life-sustaining system that meets people's needs and that also nurtures the earth



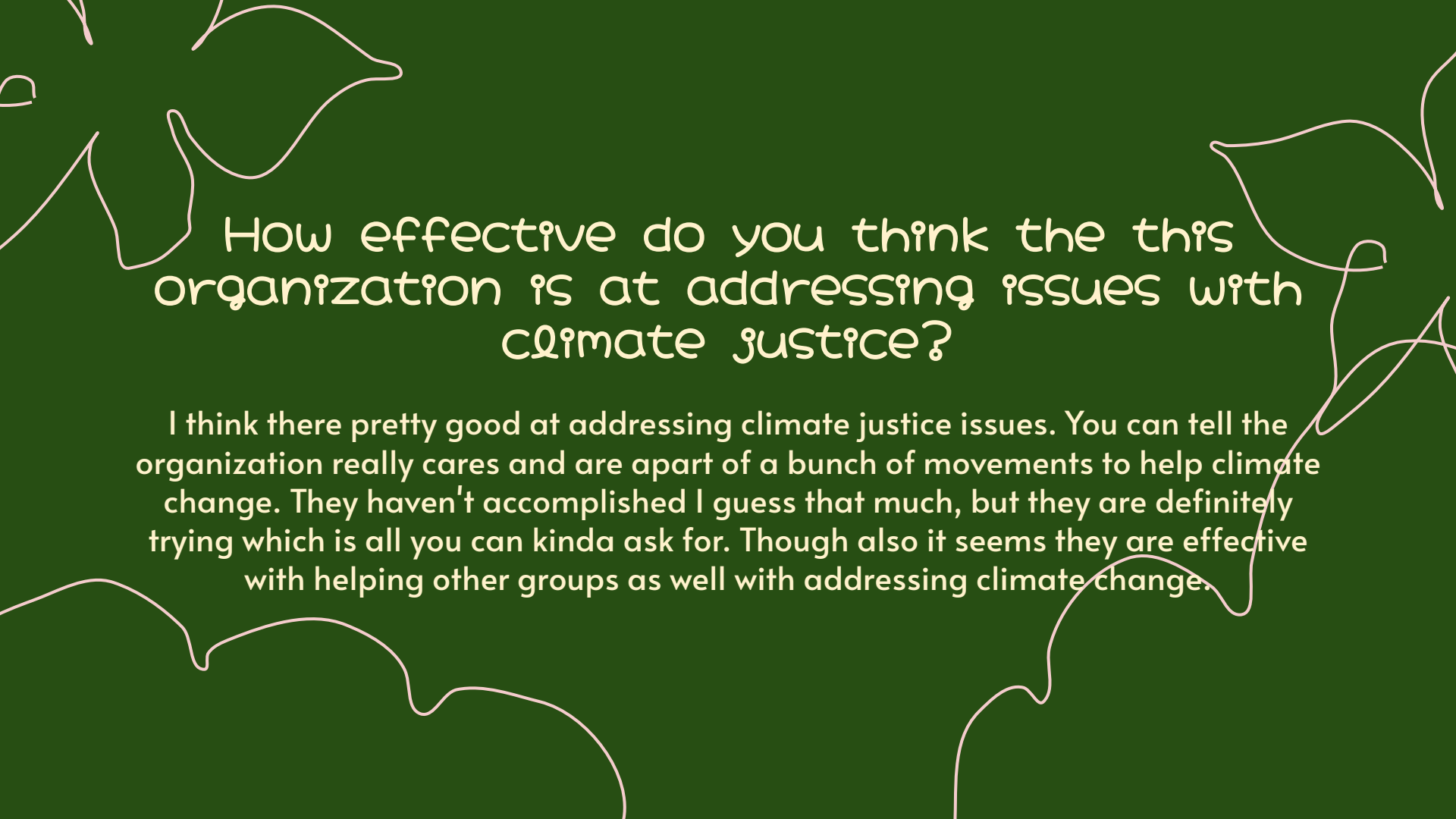
What have they accomplished?

The Sunflower alliance is apart of many movements that are still going on as shown on there website but they have successfully accomplished in a massive campaign to ban a proposed coal export terminal, which won a vote in 2016 by the Oakland city council.

If they invite others to join or participate, how can people do that?

If you wanted to join or participate they have announcements on their website you can subscribe to the sunflower alliance weekly announcements for frequent updates. And to get involved you can email their email sjnsunflowerg@mail.com or action@sunflower-alliance.org





How effective do you think the this organization is at addressing issues with climate justice?

I think there pretty good at addressing climate justice issues. You can tell the organization really cares and are apart of a bunch of movements to help climate change. They haven't accomplished I guess that much, but they are definitely trying which is all you can kinda ask for. Though also it seems they are effective with helping other groups as well with addressing climate change.

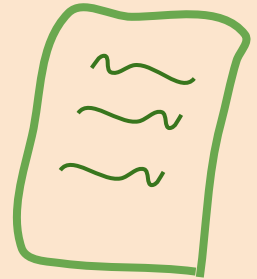
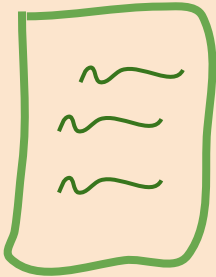
Reflection

Reflecting on this process, it was really interesting to find out certain stuff about my neighborhood and communities. It was nice to find out that it was pretty good for most of the categories, the higher risks being drought and storm in my neighborhood. I was surprised about the score for storm risk I didn't think it would be very high just cause we dont get that much storms but I guess my house isn't very good for that. I wasn't that surprised about the drought part though cause I know its a big issue in California. A big thing I learned from this research process is the important of trees in neighborhoods for temperature. I never thought about it until we watched the video in class. I think it would be fun to explore more about how trees affect us, the world, and just there importance overall other than oxygen.



The action I chose was to design a graphic to inform people about a climate justice issue. My issue being pollution, specifically plastic/trash pollution. Which gets into the ocean affecting fish (sea life in general) and anything that eat fish. I chose this particular action because for some reason I've been really wanting to create posters and I love drawing and anything of that nature so it caught my attention. I could put two things together and use my art to inform people on the pollution issue.

This action of designing graphics to inform people about climate justice connects to my research because a ton of these organizations that address climate change need to bring awareness to their causes to educate people. In the article of trying to find more about the ohlone tribe you see graphics with pictures, etc. in the article that help inform more about what they are talking about and trying to display. Awareness plays a big part in justice, if people don't know about it they cant help, join, or spread the word. Plus a lot of people are pretty clueless on things like this, I know I didn't know much about the land back movement until doing the research for this projects and seeing the poster and articles on it.





It informs people!

Thank you!