



## Equitable Community Resilience Project Local Roadmaps to Community Resilience

City of Oakland Community Assessment Workshop

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### Workshop Purpose and Outcomes

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Today's Community Assessment Workshop initiates the Assessment (Milestone 2) task in the **Local Roadmaps to Community Resilience** project. Key outcomes of the Community Assessment Workshop include:

- Understand data collection process and links to available sources of information
- Review community profile and data
- Prioritize hazards and identify how they affect the community
- Identify community hazard characteristics to include exposures, vulnerabilities and capacities

### Agenda

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1. Welcome and Introductions
2. Agenda
3. Workshop Purpose & Outcomes
4. Community Profile
5. Assessment Workshop
  - a. Hazard & Exposure Worksheets
  - b. Vulnerability & Capacity Worksheets
6. Next Steps

# Bay Area UASI Local Roadmaps to Community Resilience



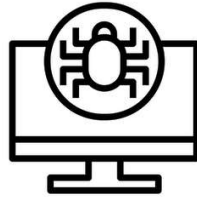
## Hazards Icons Glossary



Active Shooter



Civil Unrest



Cyber Attack



Disruption of  
Services



Drought



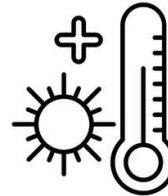
Earthquake



Erosion



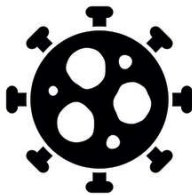
Flooding



Heat Wave



Landslide



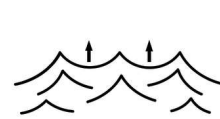
Pandemic



Sea Level Rise



Terrorist Attack



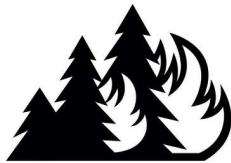
Tidal Surge



Transportation  
Incident



Tsunami



Wildfire



Winter Storms



Structural  
Racism

# Bay Area UASI Local Roadmaps to Community Resilience



## Key Concepts & Terminology



### Capacity

The combination of all the strengths, attributes, and resources available within a community to manage and reduce disaster risks and strengthen resilience.



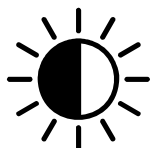
### Community (\* within chosen census tract)

The "Whole Community" refers to individuals, community based organizations, faith based organizations, as well as law enforcement, fire, medical response, local government and private sector.



### Disaster

A disruption in the community involving human, material, economic or environmental losses or impacts, which exceeds the ability of the community to manage the event using its own resources.



### Exposure

People, property, and systems located in areas with hazards, making them vulnerable to potential harm/loss.



### Hazard

Natural or man-made sources or causes of harm and difficulty.



### Resilience

A community's ability to prepare for, adapt to, and recover from hazards.



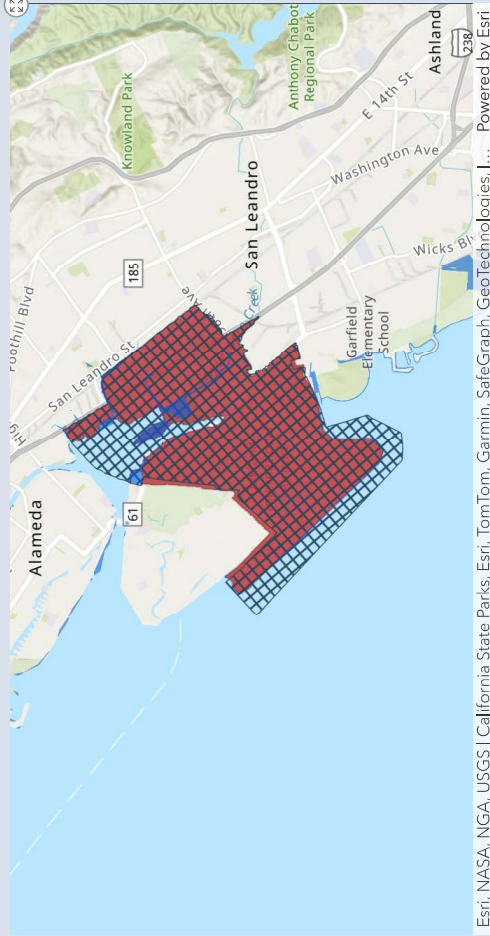
### Risk

The potential for damage, loss, or other impacts created by the interaction of hazards with the community. Risk is often expressed in relative terms such as high, medium, low.



### Vulnerability

The conditions determined by physical, social, economic and environmental factors or processes that increase the likelihood of a community to experience the impacts of hazards.



Esri, NASA, NGA, USGS | California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc. | Powered by Esri

## Social Vulnerability Assessment (06001409000)

According to the American Community Survey, **5,039** people live in this area.

### Socioeconomic Status:

- Percentage of the Population Below 150% Poverty: **27.50%**
- Median Income: **\$70,769**
- Percentage of the Population Unemployed: **7.40%**
- Percentage of Housing Cost Burdened Units: **41.10%**
- Percentage of the Population 25+ Without a High School Diploma: **30.10%**
- Percentage of the Population 25+ Without Insurance: **10.60%**

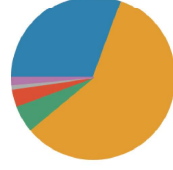
### Household Characteristics:

An estimated **1,711** are under the age of 18 or 65+, approximately **36%**. This is known as the dependent population. **1,361** are under 18 (**28.60%**), **350** are 65 or older (**7.40%**)

- Percentage of the Population with a Disability: **11.70%**
- Percentage of the Single-Parent Households with Children Under 18: **11.70%**
- Percentage of the Population Ages 5+ with Limited English Ability: **12.50%**

### Racial Breakdown:

Racial Minority Population: 98.60%



Black/African American: 30.60% Hispanic or Latino: 58.40% Asian: 5.30% American Indian or Alaska Native: 0.00% Hawaiian Native or Other: 0.00% Pacific Islander: 0.00% Two or more races: 3.40% Some other race: 0.90%

### Housing Type and Transportation:

- Percentage of Housing in Structures with 10 or more Units: **13.90%**
- Percentage of Housing Units that are Mobile Homes: **2.50%**
- Percentage of Occupied Housing Units with More People than Rooms: **23.70%**
- Percentage of the Population Without Vehicle Access: **3.30%**
- Percentage of Population Living in Group Quarters: **0.90%**

## Climate and Economic Justice Screening Tool

This tract is identified as disadvantaged according to the Climate and Economic Justice Screening Tool (CEJST). It has 7 categories that meet the criteria.

- Climate Change Energy
- Housing
- Legacy pollution
- Transportation
- Water and wastewater
- Workforce development

## National Risk Index (06001409000)

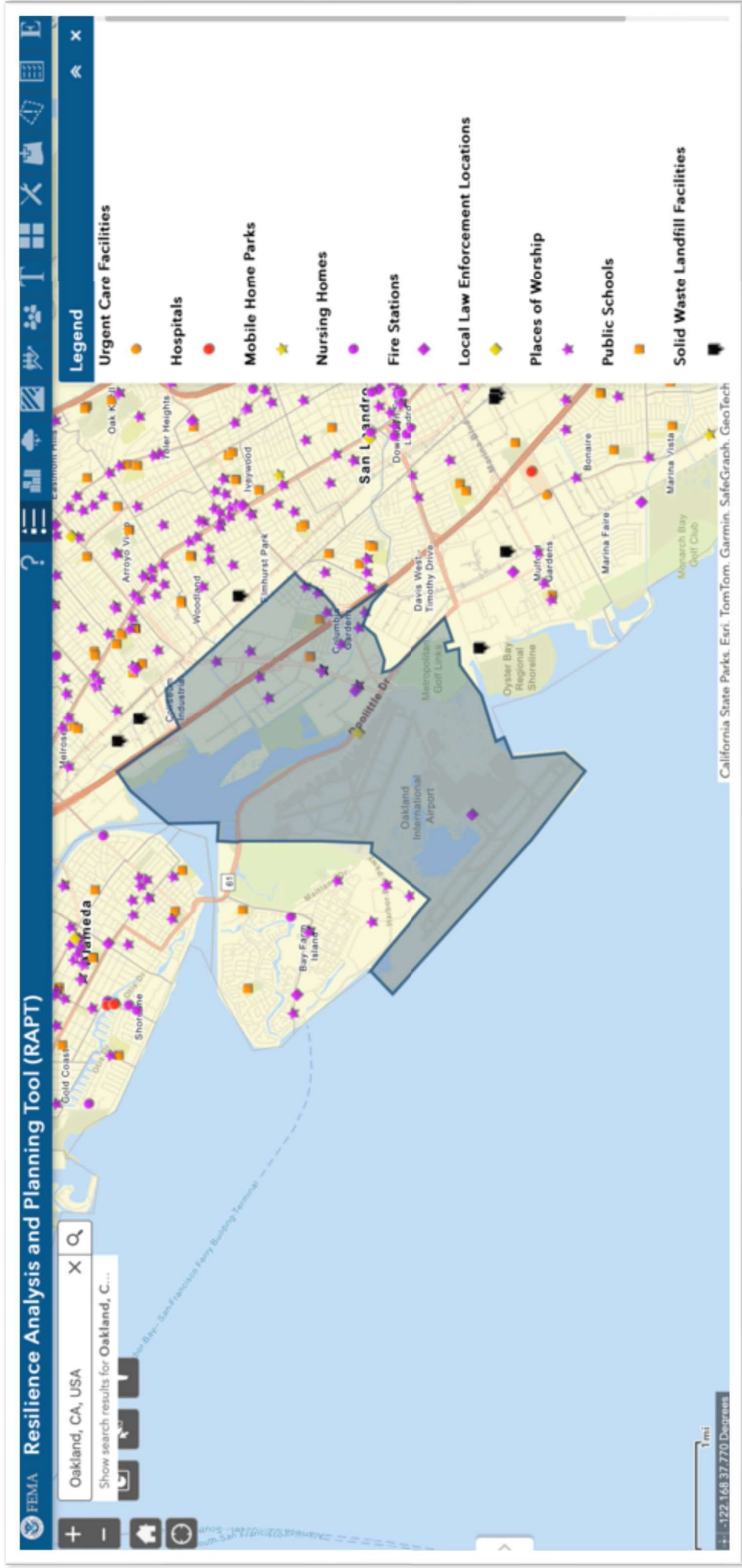
### Top Ten Hazards

Hazard	Risk Score	Risk Index Rating
Earthquake	99.97	Very High
Drought	99.04	Relatively High
Coastal Flooding	97.17	Relatively Moderate
Tsunami	94.54	Relatively Low
Riverine Flooding	85.73	Relatively Moderate
Landslide	64.12	Relatively Low
Hail	42.34	Very Low
Wildfire	40.64	Very Low
Heat Wave	38.24	Relatively Low
Tornado	29.96	Very Low

**Census Tract:** 06001409000

**Boundaries:** North (Oakland Airport); South (San Leandro Creek/Metropolitan Golf Links/Airport); East (880/Railroad Ave); West (Oakland Airport/SF Bay)

**Population:** 5,039 (American Community Survey)



**WORKSHEET 1: HAZARD CHARACTERIZATION**

“What is affecting us?”

**Hazard:** Natural or man-made sources of harm and difficulty.

Characteristic	Description
<p><b>Cause / Origin</b> <i>Location or other reason for hazard</i></p>	
<p><b>Warning Signs</b> <i>Precursors to the hazard</i></p>	
<p><b>Lead Time</b> <i>Time between warning and impact, or time between warning and arrival</i></p>	
<p><b>Frequency (and Changes)</b> <i>Does the hazard occur seasonally, once a year, or once every X number of years?</i></p>	
<p><b>Period of Occurrence</b> <i>Does it occur during a particular time of the year? (ex: wet or dry season)?</i></p>	
<p><b>Duration</b> <i>How long is a hazard felt? (Days, weeks, months)?</i></p>	

**WORKSHEET 2: EXPOSURE**

“Where is it affecting us?”

**Exposure:** People, property, and systems located in areas with hazards, making them vulnerable to potential harm/loss.

Dimension	Exposures (HIGH)
<b>People</b> <i>Types or demographics of impacted groups</i>	
<b>Property</b> <i>Types and locations of impacted homes, businesses, etc.</i>	
<b>Systems</b> <i>Infrastructure and supply chains</i>	

**WORKSHEET 3: VULNERABILITY**

“Why is it affecting us?”

**Vulnerability:** The conditions determined by physical, social, economic and environmental factors or processes that increase the likelihood of a community to experience the impacts of hazards.

Dimension	Impacts/Vulnerability	Score (High, Medium, Low)
<b>Risk Management &amp; Safety</b> <i>i.e., First responders, Alert and warning messages</i>		
<b>Basic Needs</b> <i>Food, water, health and housing</i>		
<b>Social Capital</b> <i>Strength of individual and community networks, church or cultural bonds</i>		
<b>Infrastructure &amp; Services</b> <i>Water, electricity, roads, businesses and nonprofits</i>		
<b>Natural Resources</b> <i>Parks, rivers, geographic uniqueness</i>		



**WORKSHEET 4: CAPACITY**

“What do we have to face it?”

**Capacity:** The combination of all strengths, attributes and resources available within a community to manage and reduce risks and strengthen resilience.

Dimension	Capacities	Score (High, Medium, Low)
<b>Risk Management &amp; Safety</b> <i>i.e., First responders, Alert and warning messages</i>		
<b>Basic Needs</b> <i>Food, water, health and housing</i>		
<b>Social Capital</b> <i>Strength of individual and community networks, church or cultural bonds</i>		
<b>Infrastructure &amp; Services</b> <i>Water, electricity, roads, businesses and nonprofits</i>		
<b>Natural Resources</b> <i>Parks, rivers, geographic uniqueness</i>		

**WORKSHEET 5: RISK--> Will be completed at our next workshop!**

“How does it affect us?”

**Risk:** The potential for damage, loss, or other impacts created by the interaction of hazards with the community. Risk is often expressed in relative terms such as high, medium and low.

Dimension	Vulnerability (HIGH)	Capacity (LOW)	Risks	Projects/Solutions
<b>Risk Management &amp; Safety</b> <i>i.e., First responders, Alert and warning messages</i>				
<b>Basic Needs</b> <i>Food, water, health and housing</i>				
<b>Social Capital</b> <i>Strength of individual and community networks, church or cultural bonds</i>				
<b>Infrastructure &amp; Services</b> <i>Water, electricity, roads, businesses and nonprofits</i>				
<b>Natural Resources</b> <i>Parks, rivers, geographic uniqueness</i>				