Resiliency in the Mar Vista Study Area

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Agenda

1. Resilience in Ecodistrict Protocol
2. Resilience in Resilient LA
3. Shocks specific to SA
4. Stresses specific to SA
5. Conclusion
Resilience

Resilience is the capacity of cities to function so that all people are able to withstand the shocks and stresses they encounter. District teams must address resilience with a broad lens that prepares for social, economic, and environmental shocks and stresses.
RESILIENT

LOS ANGELES
**Shocks** are sudden or acute events that threaten or impact Los Angeles’ immediate well-being.
**Stresses** are daily or chronic challenges that weaken our natural, built, or human resources.
Shocks
# Earthquake Risk Matrix

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Risks
The San Andreas fault overdue for an earthquake greater than 6.7

San Jacinto, Elsinore, & Newport-Inglewood are also active faults with destructive potential
Response
Fire assets regroup at the little league park

Each Vehicle (2) begins methodical search of Mar Vista
**Response**
No evacuation routes

Advised to shelter in place and perform self care until help arrives

Be prepared for 72 hours
Response
No predetermined locations to house evacuees

No predetermined locations for mass casualties
Additional Risks

Water Loss / contamination

Power Outages

Lost lines of communication

Fire
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According to the Mar Vista Fire Station there is a very low chance of fast spreading fires in the study area.

Fire threat is contained to single buildings.
Fire Station 62 services the study area.

They have one fire engine and one ambulance.

5 other fire stations are within 3 miles
Hospitals with ERs
Marina Del Rey
Santa Monica UCLA
St. John’s
Southern California Hospital
# Public Health Emergencies

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The highlighted cell indicates a medium to high impact severity in Very Likely events.
Unique Threat of Outbreak

Proximity to LAX means heightened risk of contagion carried from other regions or countries.

Travelers with infectious illness transported to local hospitals.

Majority of hospitals near LAX are in proximity to our area of study.
Severe Weather and Flooding

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Highs and Lows

76°F annual average high temp (record 91°F 1940)

49°F annual average low temp (record 48°F 1936)

Very low precipitation rate
Flooding
In the last 500 years flooding has not affected the SA
Stessers
Rising Population of People Experiencing Homelessness.

Unsheltered individuals at higher risk of weather and health related emergency.

No homeless shelters in the study area.

Lacking services, expert knowledge, and community bonds with homeless population that would be helpful in event of emergency.
Although the threat of flooding or tsunami is low in the SA, not so for Venice Beach (1,191 homeless)

High concentration of homeless will need to evacuate Venice in an emergency

Potential overload on already scarce emergency framework
Mar Vista has a very low crime rate compared to the rest of LA.

Rate of violent crimes per 10,000 people is 6.7

For comparison:
Westwood is 8.3 per 10k
Venice is 33.8 per 10k
Venice 13 and Culver City Boys within SA
**Police Stations in the SA**
Mar Vista is serviced by the Pacific Division

There is 1 Community Police Station and 2 substations in this division.

“Basic Car areas” have one patrol car permanently assigned to the neighborhood

3 teams of officers rotate 8 hour shifts to provide 24 hour coverage
Low Risk of Food Insecurity

Concentration of Restaurants, Grocery Stores, Convenience Stores, Cafes, Bars, and Pet Food Supply could supplement household food stores.

This area is not classified as a “Food Desert”

Concern: Equitable Food Distribution; Lack of homelessness services in area.
Growing Risk of Heat

This Area Expected to Experience 19 additional days of extreme heat by 2050.

Heat related emergencies already occur in this area.

Increased days of hotter temps make citizens with medical issues more vulnerable.
Throw Some Shade

Technically area has 25% tree canopy cover.

However, observed canopy cover in the Mar Vista Study Area varies.

Residential areas contain lots of trees while the Venice blvd stretch lacks shade.
Conclusion