

Vulnerable Communities Platform

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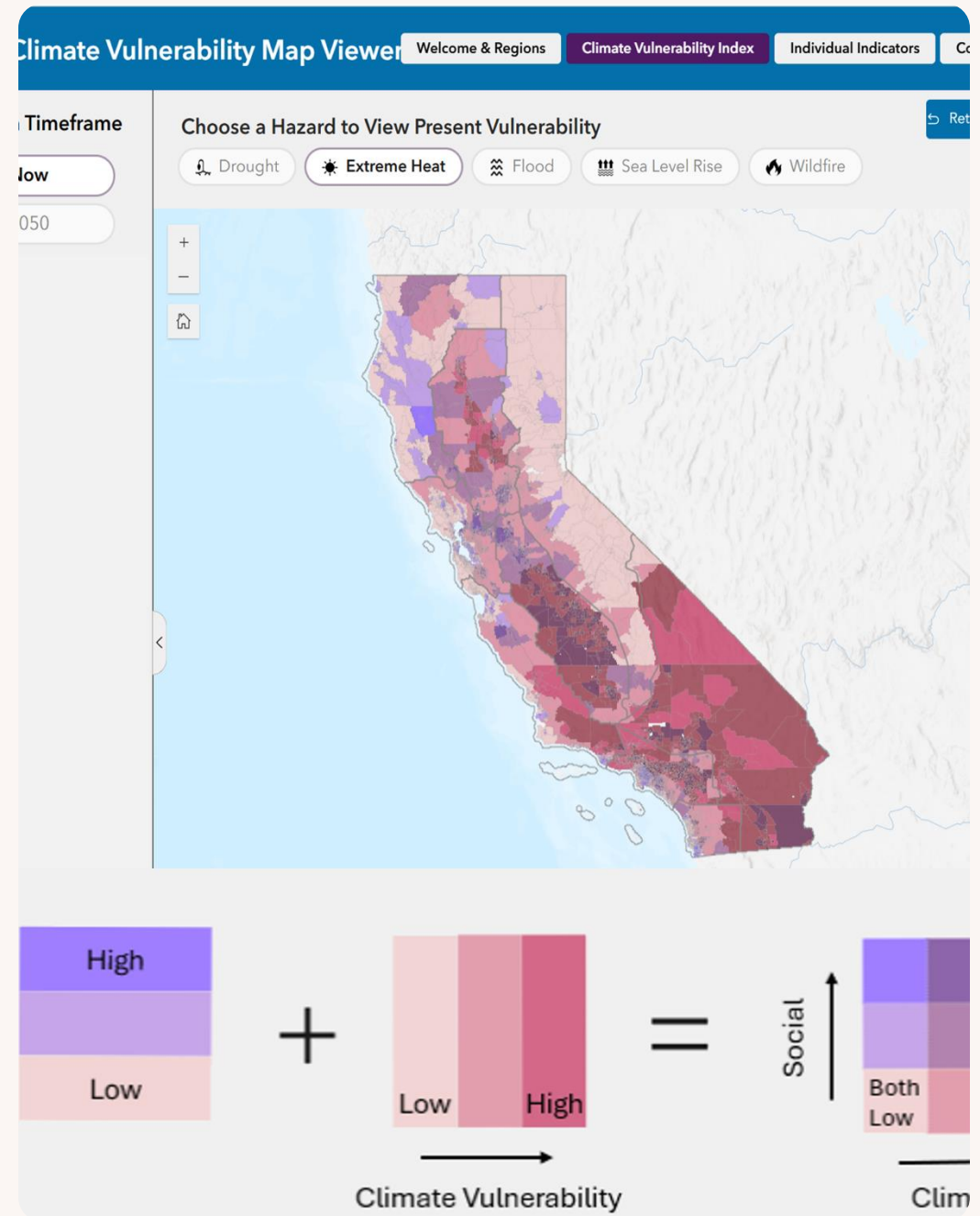
Governor's Office of
**Land Use and
Climate Innovation**



Vulnerable Communities Platform (VCP)

Web-hub with data and guidance to help identify populations across the state most vulnerable to the impacts of climate change

Map	climate hazard and social sensitivity data
Compare	existing vulnerability related tools
Find	resilience resources
Examples	of assessing community risk for local users



Vulnerability Map Purpose

This metric can help us understand:

1) **where** each climate hazard will be the most severe 2) **which communities** are the most vulnerable to each climate hazard, and 2) **what makes them vulnerable**

Ex. Where are the most heat-vulnerable communities?

Rural community near Coachella is heat vulnerable because they will experience 4x more heatwaves by 2050 there are many people who are elderly or are living in mobile homes



VCP Progress Tracker

Feature	Status	Projected Completion	Notes
Vulnerability Map	In Progress	February 2025	The climate and social data are undergoing interagency review and processing to generate maps and visualizations
Tool Comparison	Ready	Ongoing Updates	
Resilience Resources	Ready	Ongoing Updates	
Community Pilot	In Progress	April 2026	Curriculum development and cohort recruitment to begin in early 2025



Community Pilot Workplan



1) Develop training curriculum on conducting community assessments of climate vulnerability



2) Select trainee cohort of 10-15 CBOs and local government organizations covering a wide variety of regions and community types (ex. urban, rural, tribal)



3) Facilitate training classes for cohort and enable peer-to-peer learning



4) Cohort members co-create assessments in partnership with their communities. Results and takeaways will be distilled into case studies for future VCP users to reference.

Contact Us

ClimateServices@opr.ca.gov

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California Office of Planning
and Research

Backup



University of the Pacific
Law & Business
School of Law

Social Data

Extreme Heat		Flooding		Sea Level Rise		Drought		Wildfire		Wildfire smoke
Received food stamps		Received food stamps		Received food stamps		Received food stamps		Received food stamps		Asthma
Food insecurity		Food insecurity		Food insecurity		Food insecurity		Food insecurity		Chronic obstructive pulmonary disease
Housing insecurity		Housing insecurity		Housing insecurity		Housing insecurity		Housing insecurity		Chronic kidney disease
Lack of reliable transportation		Lack of reliable transportation		Lack of reliable transportation		Lack of reliable transportation		Lack of reliable transportation		High blood pressure
Feeling socially isolated		Feeling socially isolated		Feeling socially isolated		Feeling socially isolated		Feeling socially isolated		diabetes
Children		Children		Children		Children		Children		Coronary heart disease
Disability		Disability		Disability		Disability		Disability		Obesity
Homelessness		Homelessness		Homelessness		Homelessness		Homelessness		Current cigarette smoking
Limited English Proficiency		Limited English Proficiency		Limited English Proficiency		Limited English Proficiency		Limited English Proficiency		Children
Low Income		Low Income		Low Income		Low Income		Low Income		Disablity
Mobile Homes		Mobile Homes		Mobile Homes		Mobile Homes		Mobile Homes		Homelessness
POC		POC		POC		POC		POC		Low Income
Seniors Living Alone		Seniors Living Alone		Seniors Living Alone		Seniors Living Alone		Seniors Living Alone		Mobile Homes
Internet Access		Internet Access		Internet Access		Internet Access		Internet Access		Seniors Living Alone
Chronic obstructive pulmonary disease		Flood Insurance		Flood Insurance		Agricultural Workers		Electricity Dependent		Indigenous Communities
Chronic kidney disease		Renters		Renters		Renters		Indigenous Communities		Outdoor Workers
High blood pressure		Toxic Facilities		Toxic Facilities				Limited Egress Routes		
Diagnosed diabetes				Projected Saltwater Intrusion in Coastal Groundwater				Fire Insurance		
Coronary heart disease								Renters		
Obesity										
Frequent mental distress										
Air Quality PM 2.5										
Outdoor Workers										
Urban Heat Island										

Climate Data

	Extreme Heat	Flooding	Sea Level Rise	Drought	Wildfire
Present	CalAdapt	DWR BAM Maps 100 year floodplain	CoSMoS current coast + 100 year storm	DWR Water shortage vulnerability tool	USDA Forest Service
2050	CalAdapt	FEMA 500 year floodplain	CoSMoS .8ft SLR + 100 year storm	DWR Water shortage vulnerability tool	CalAdapt