CalEnviroScreen 3.0

A Tool for Evaluating California Communities

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Office of Environmental Health Hazard Assessment

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CalEnviroScreen 3.0

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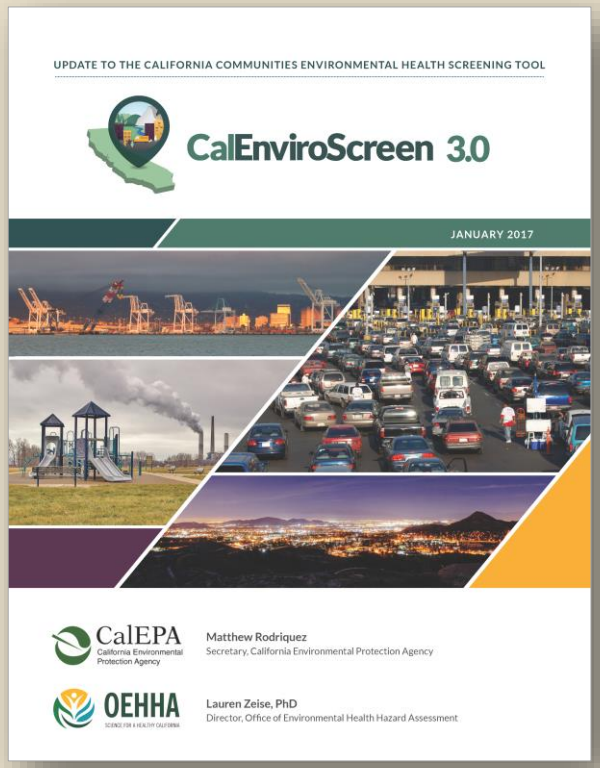


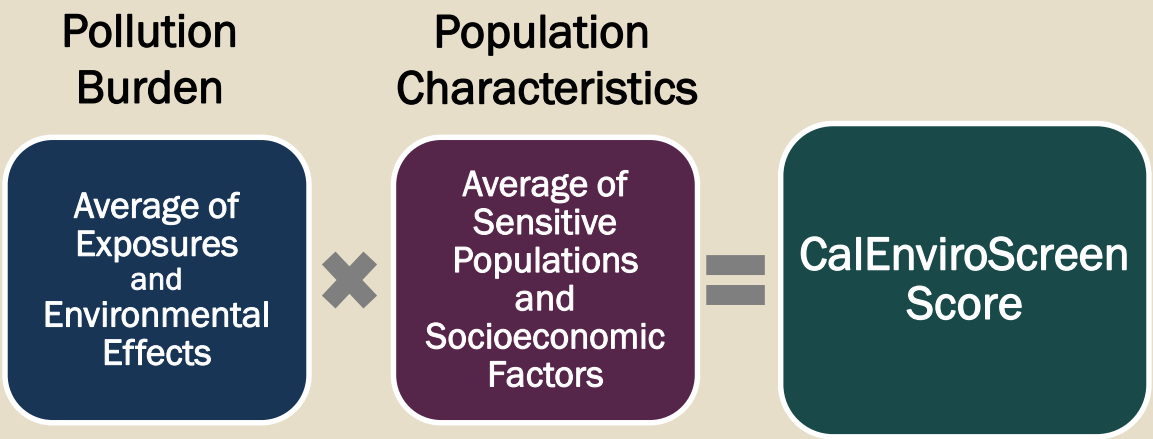
- Spatial analysis of relative burdens in California communities from pollution and population vulnerability.
- 20 indicators combined into a single ranked score.
- Census tract scale (~8,000).

Available at: http://oehha.ca.gov/calenviroscreen/report/calenviroscreen-30

CalEnviroScreen 3.0 Indicators

Pollution Burden		Population Characteristics	
Exposures	Environmental Effects	Sensitive Populations	Socioeconomic Factors
Ozone	Solid Waste Sites and Facilities	Asthma	Educational Attainment
PM2.5	Cleanup Sites	NEW Cardiovascular Disease	Housing Burden NEW
Diesel Particulate Matter	Groundwater Threats	Low Birth Weight Infants	Linguistic Isolation
Drinking Water Contaminants	Impaired Water Bodies		Poverty
Toxic Releases from Facilities	Hazardous Waste Generators and Facilities		Unemployment
Traffic			
Pesticide Use			

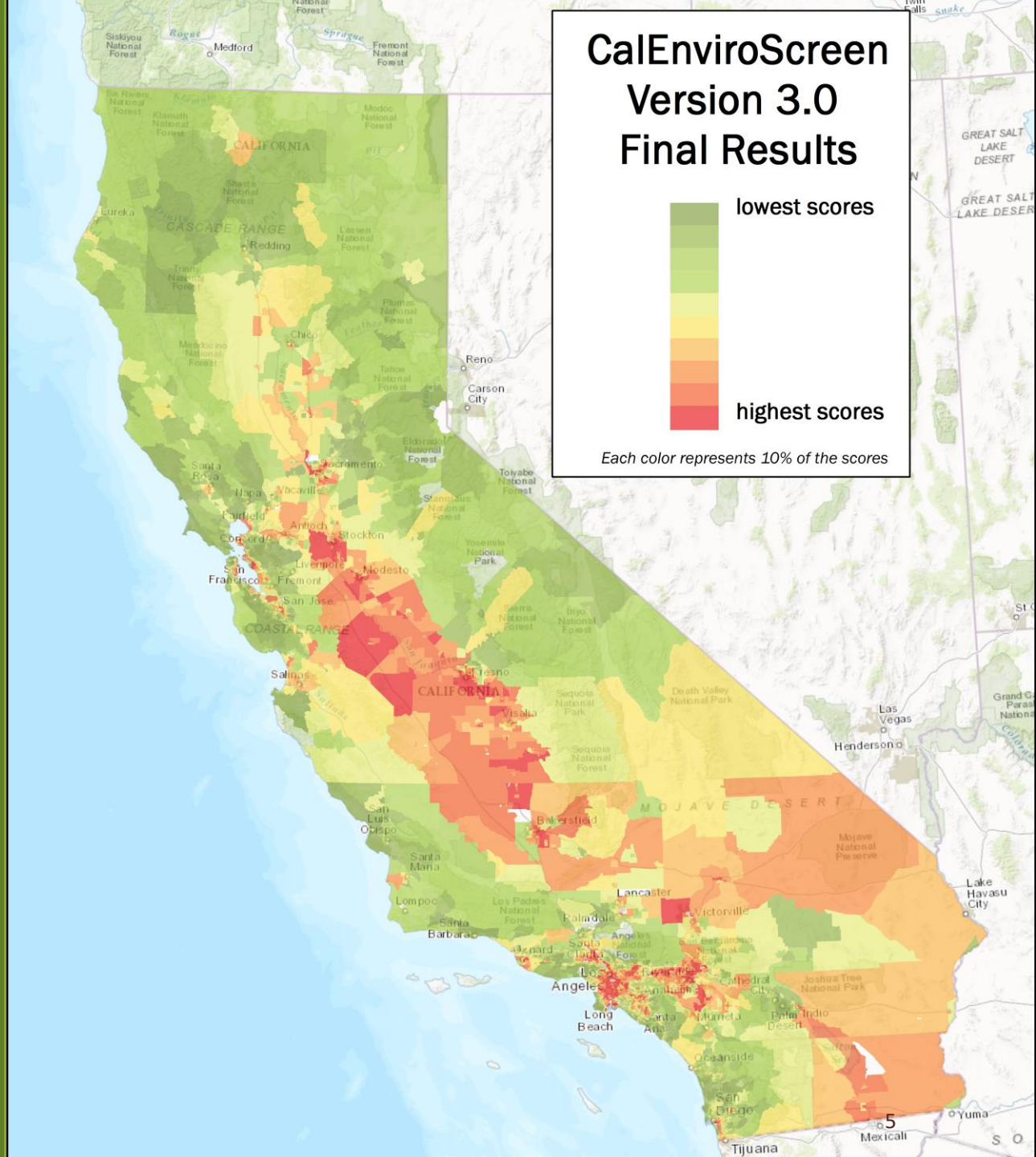
Calculating CalEnviroScreen Scores



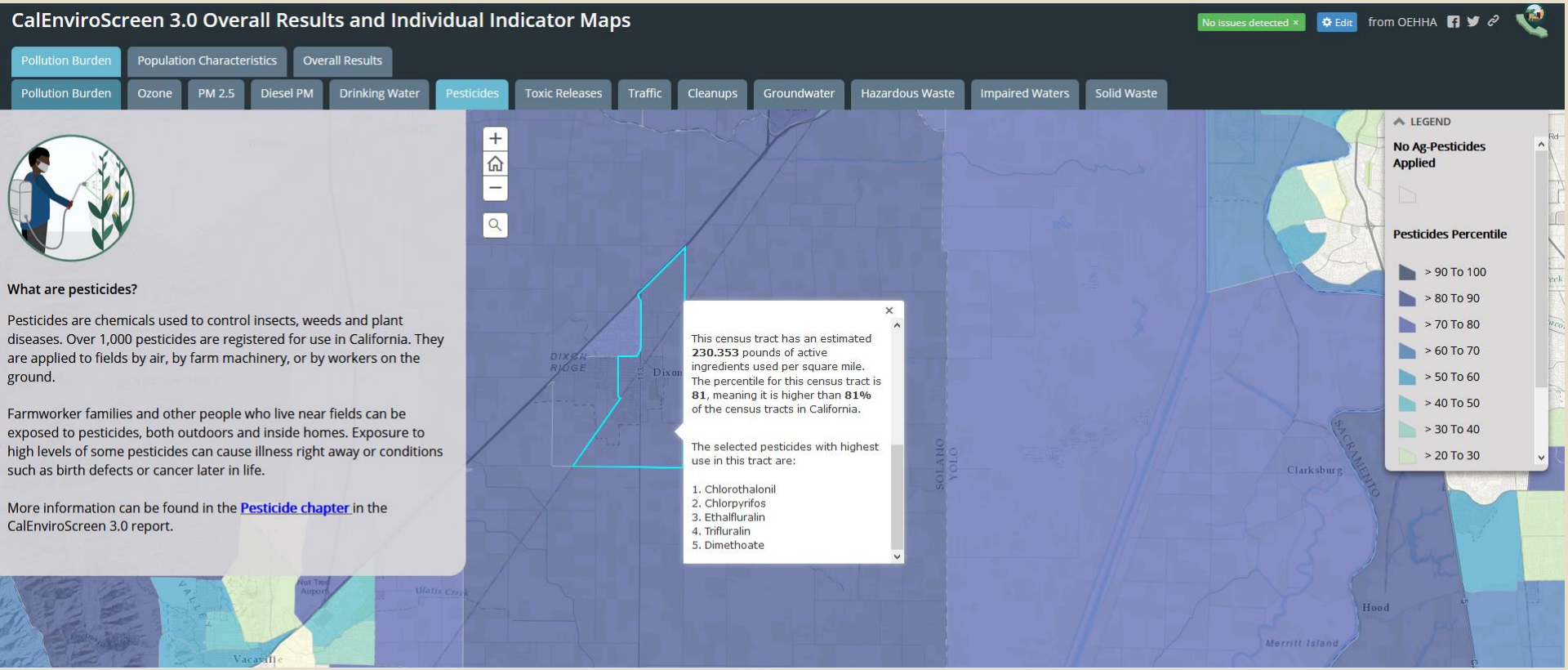
- CalEnviroScreen score is calculated by combining all indicator scores; allows for comparison of different areas
- Higher scores mean greater pollution burdens and population vulnerability.

Results

[Available as an interactive web map]



Indicator Maps



Indicator maps available here.

Publicly Available Results

CalEnviroScreen Report

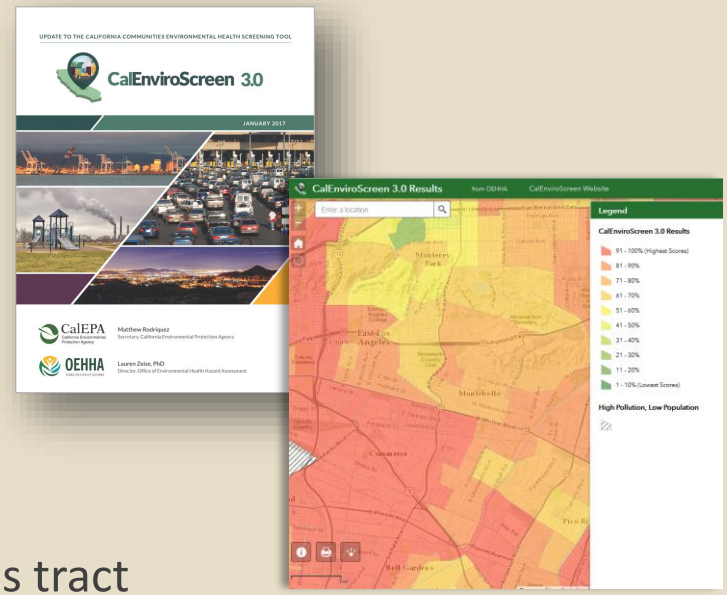
- Maps for individual indicators
- Description of each indicator

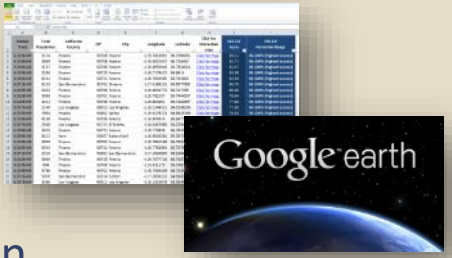
Mapping Tool

- Interactive web maps of results

Other Data

- Excel spreadsheet of results by census tract
- Google Earth file
- ArcGIS geodatabase





www.oehha.ca.gov/calenviroscreen

Using CalEnviroScreen

Ongoing planning and decision-making within CalEPA

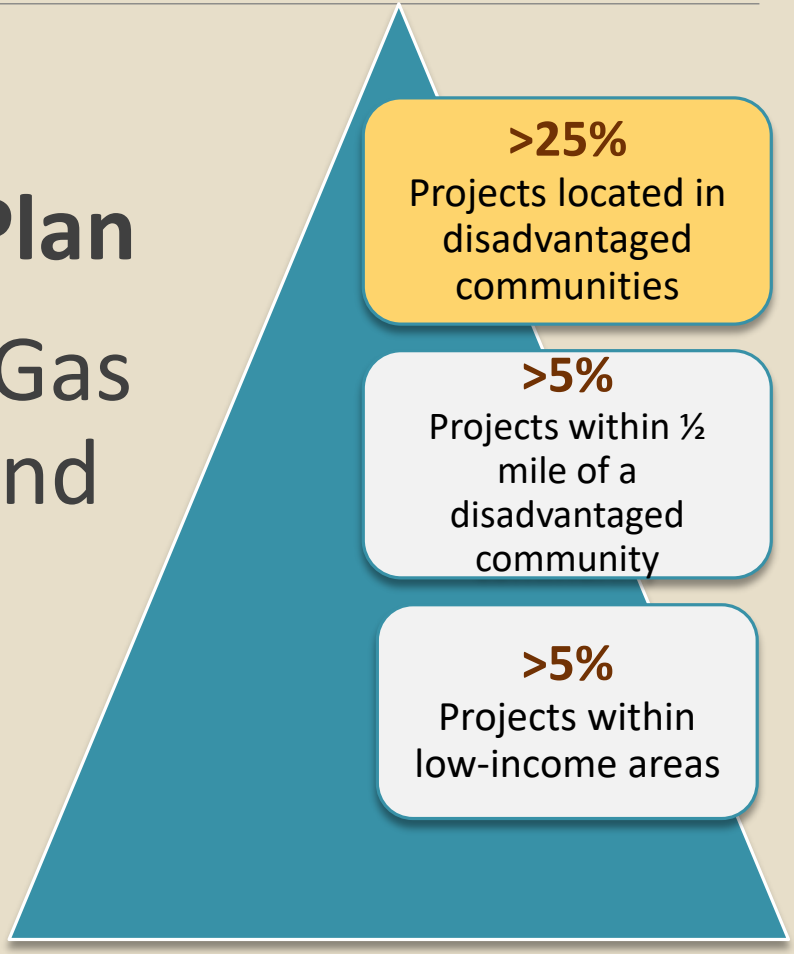
- EJ Small Grant Program
- EJ Compliance and Enforcement Working Group
- Trainings and outreach

Using CalEnviroScreen

SB 535 (de León, 2012) and updated
AB 1550 (Gomez, 2016)

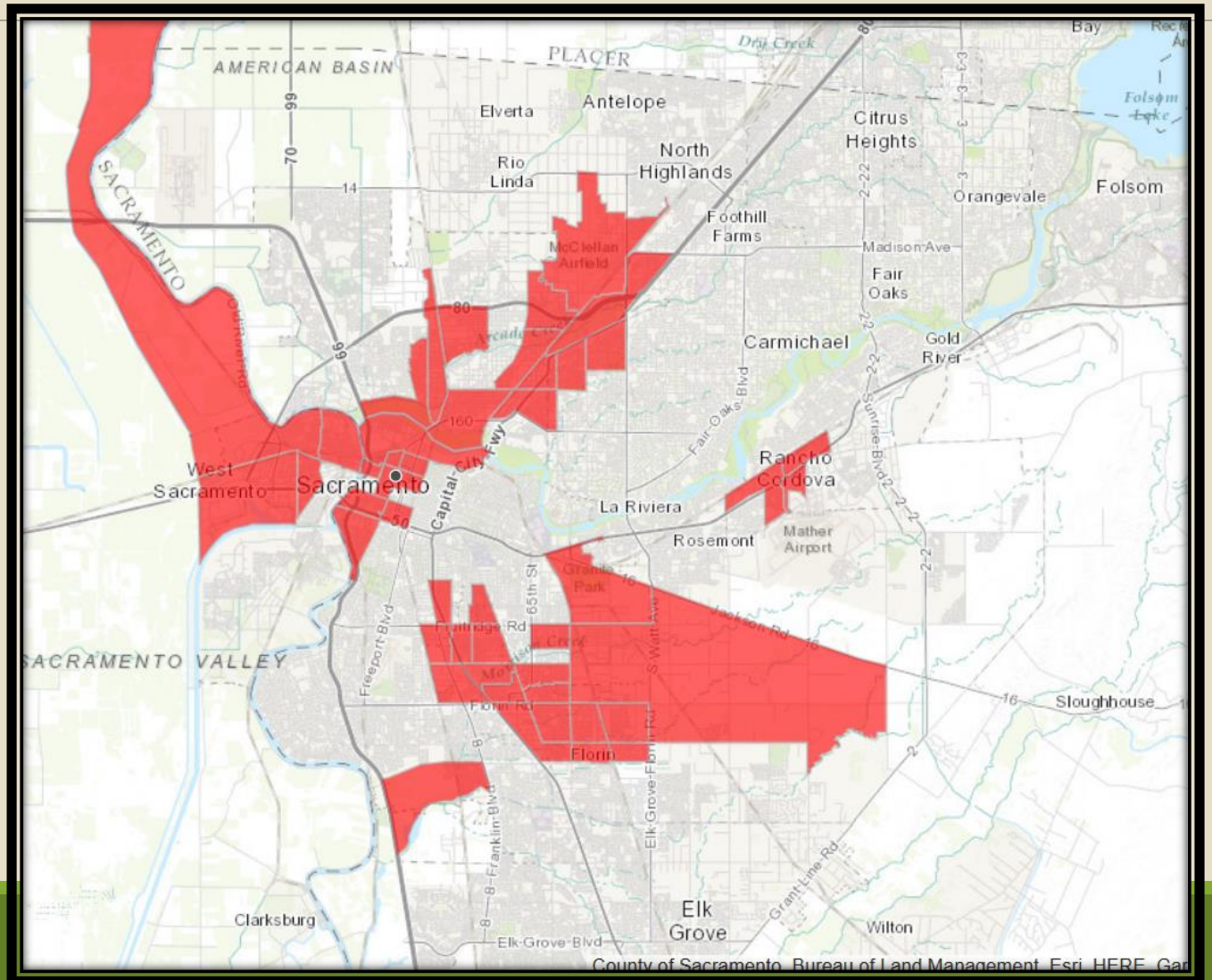
Investment Plan

Greenhouse Gas Reduction Fund

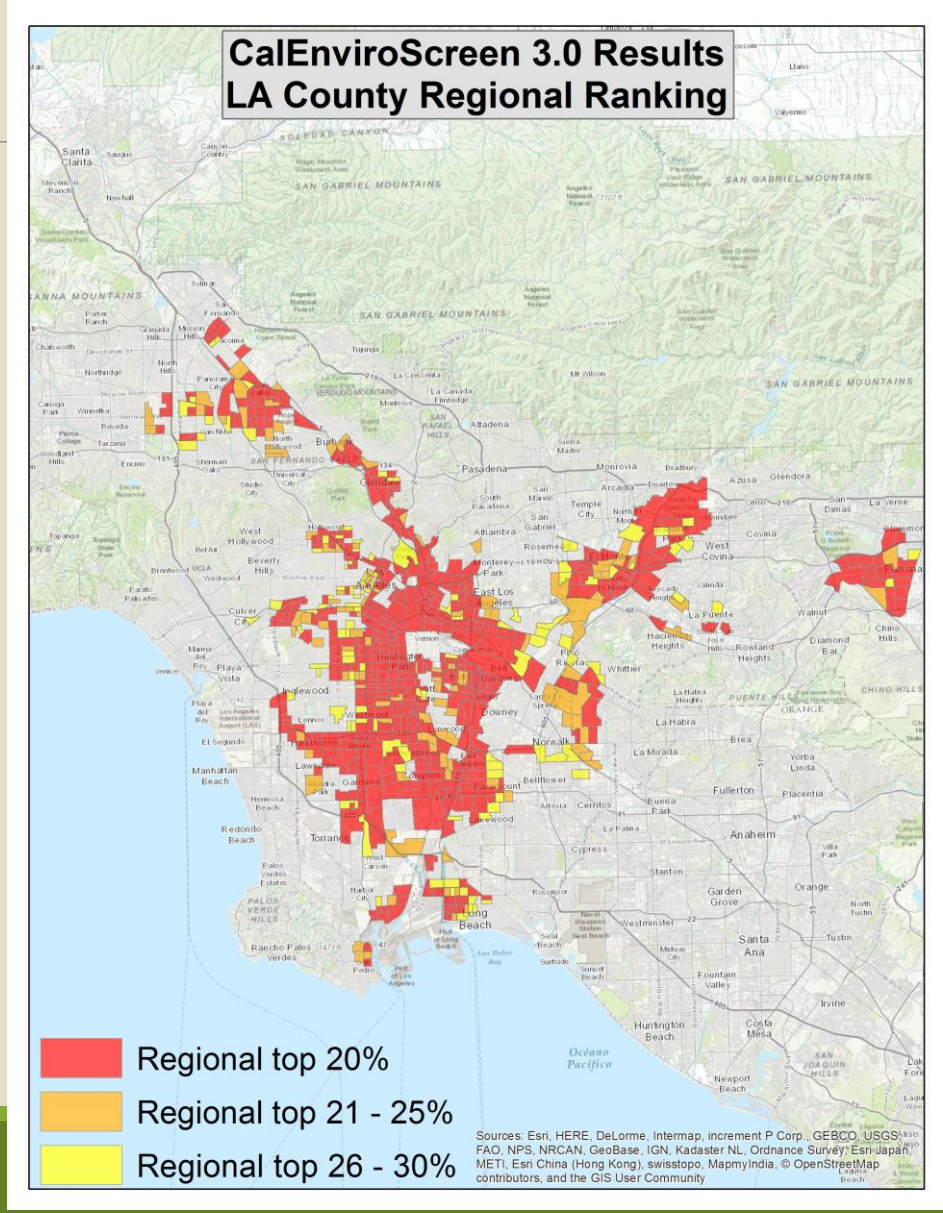


"CalEPA shall identify 'disadvantaged communities' for investment opportunities based on geographic, socioeconomic, public health and environmental hazard criteria."

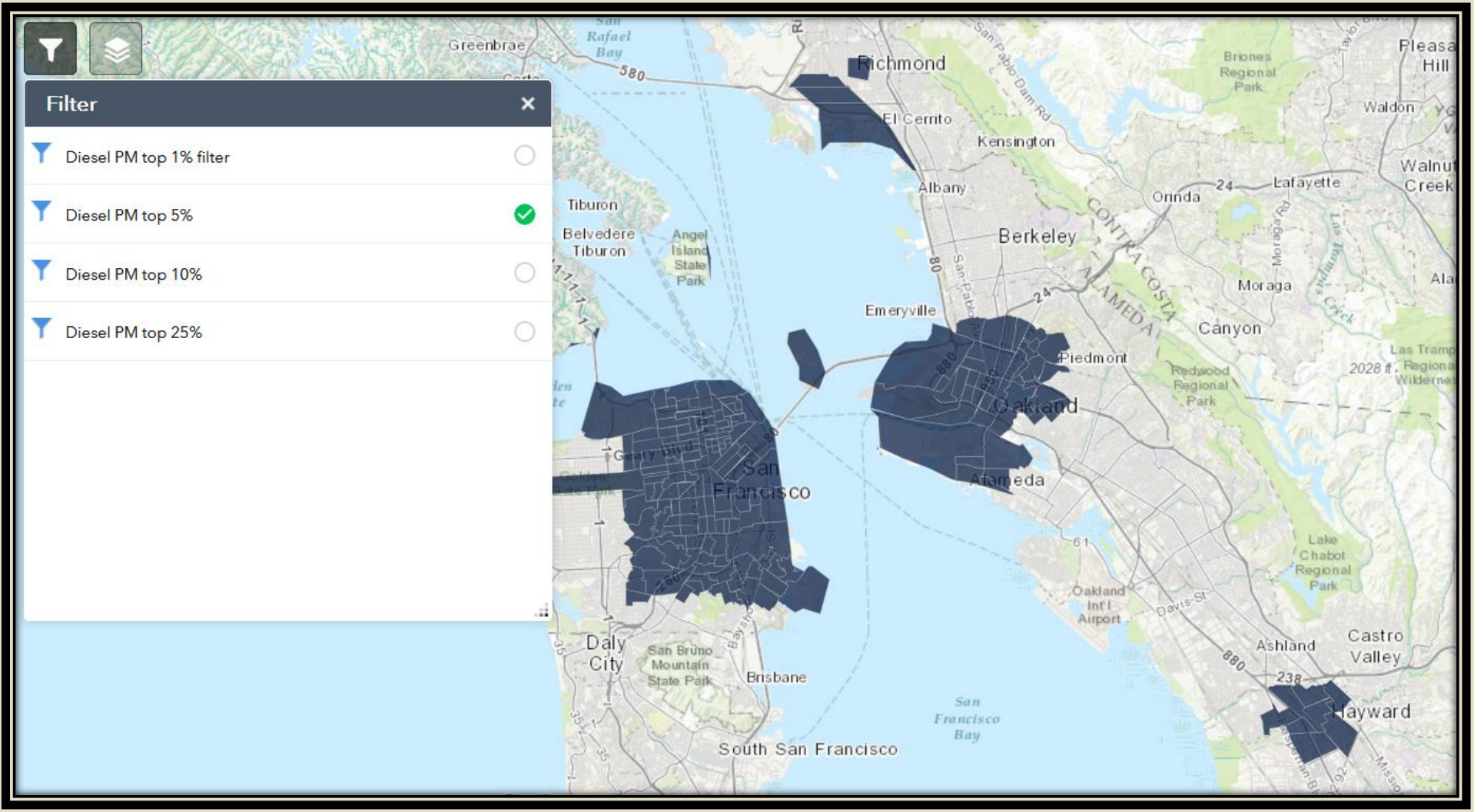
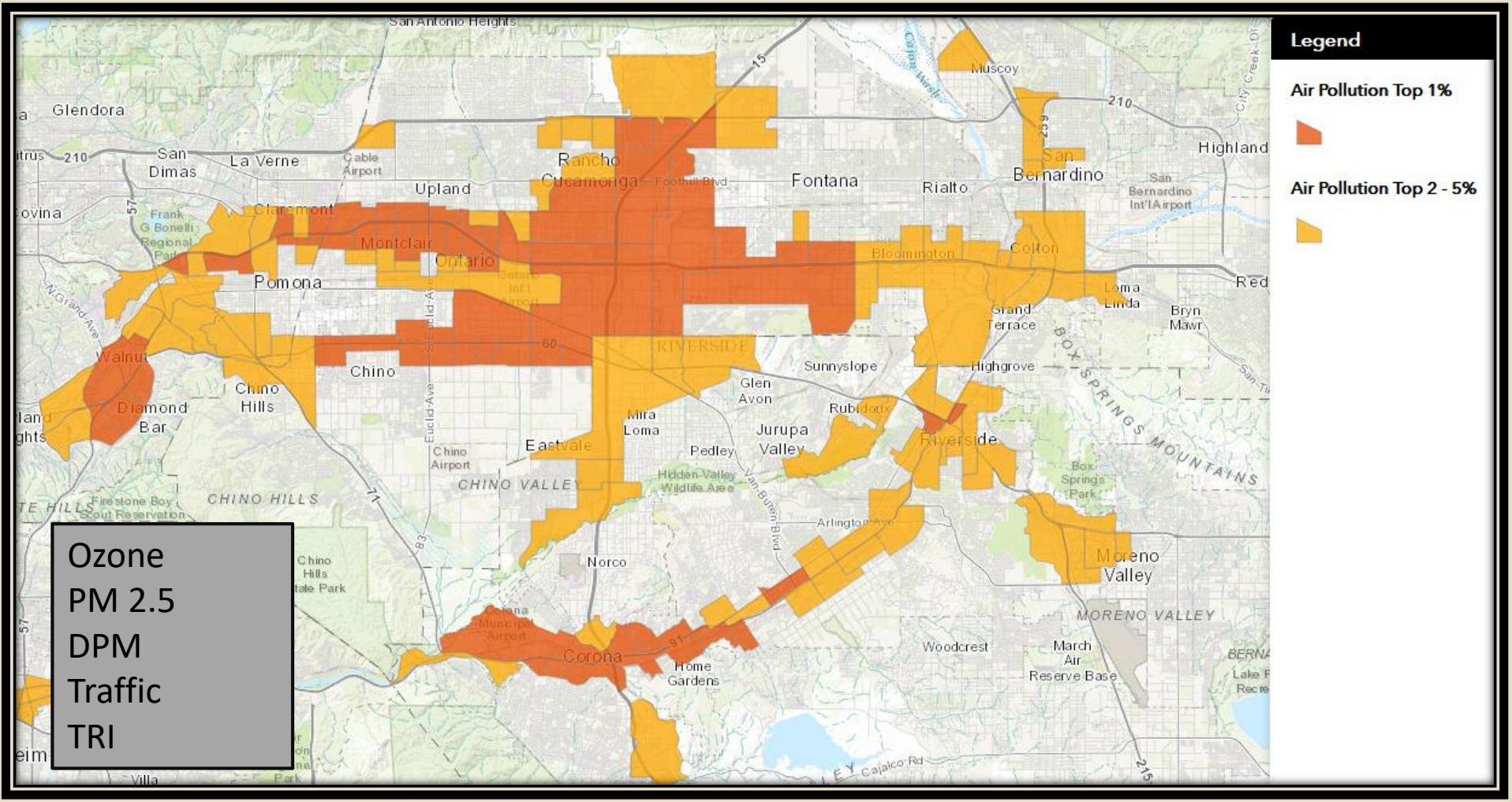
SB 535 Disadvantaged Communities in Sacramento Area



Other approaches – Regional Ranking



Other approaches – Custom Cutoff



Other approaches – Subset of Indicators