SB 1000
Environmental Justice and the General Plan in San Joaquin County

Bernadette Austin, Associate Director
UC Davis Center for Regional Change
Overview

• About the CRC
• Investing in Communities
• Planning into Action
• CalEnviroScreen
Center for Regional Change

Research that matters for regions

The CRC is a catalyst for innovative, collaborative, and action-oriented research.

It brings together faculty and students from different disciplines, and builds bridges between university, policy, advocacy, business, philanthropy and other sectors.

The CRC's goal is to support the building of healthy, equitable, prosperous, and sustainable regions.
CRC Environmental Justice Projects

- Identifying Violations Affecting Neighborhoods (IVAN)
- Cumulative Environmental Vulnerabilities Assessment (CEVA)
- Capitalizing Environmental Justice in the Sacramento Region
- Water Infrastructure in Disadvantaged Communities
- Regional Opportunity Index (ROI)
Regional Opportunity Index (ROI)

• **Goal**: Help target resources and policies toward people and places with the greatest need, to foster thriving communities of opportunity for all Californians.

• **Method**: Mapping social indicators, incorporating both a "people" component and a "place" component, integrating economic, infrastructure, environmental, and social indicators.
Investing in Communities

Clean Water

The Struggle for Water Justice in California’s San Joaquin Valley: A Focus on Disadvantaged Unincorporated Communities

Affordable Housing

Place and Privilege

#ViewOnHousing
Planning into Action
CalEnviroScreen

- Tool that uses environmental, health, and socioeconomic information to identify pollution burden
- Topic areas
  - Health
  - Housing
  - Transportation Systems and Active Transportation
  - Pollution
CalEnviroScreen: Cardiovascular Health
CalEnviroScreen: Asthma
CalEnviroScreen: Water Pollution
CalEnviroScreen: Underground Pollution
### Stockton

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>5,269</td>
</tr>
<tr>
<td>CalEnviroScreen 3.0 Percentile</td>
<td>95-100%</td>
</tr>
<tr>
<td>Pollution Burden Percentile</td>
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<tr>
<td>Population Characteristics</td>
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<tr>
<td>Ozone</td>
<td>53</td>
</tr>
<tr>
<td>PM 2.5</td>
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</tr>
<tr>
<td>Diesel</td>
<td>67</td>
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<tr>
<td>Pesticides</td>
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<tr>
<td>Toxic Releases</td>
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<tr>
<td>Traffic</td>
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<tr>
<td>Drinking Water</td>
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<tr>
<td>Cleanups</td>
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<tr>
<td>Groundwater Threats</td>
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<tr>
<td>Hazardous Waste</td>
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<tr>
<td>Impaired Water</td>
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<tr>
<td>Solid Waste</td>
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<tr>
<td>Low Birth Weight</td>
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<tr>
<td>Cardiovascular Rate</td>
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<tr>
<td>Education</td>
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<tr>
<td>Linguistic Isolation</td>
<td>94</td>
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<tr>
<td>Poverty</td>
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<tr>
<td>Unemployment</td>
<td>89</td>
</tr>
<tr>
<td>Housing Burden</td>
<td>91</td>
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</tbody>
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Lodi

CalEnviroScreen 3.0 Percentile: 80-85%

Pollution Burden Percentile: 63

Population Characteristics Percentile: 86

- Ozone: 61
- PM 2.5: 66
- Diesel: 48
- Pesticides: 27
- Toxic Releases: 34
- Traffic: 26
- Drinking Water: 65
- Cleanups: 81

Groundwater Threats:

- Hazardous Waste: 61
- Impaired Water: 0
- Solid Waste: 0

- Asthma: 55
- Low Birth Weight: 48
- Cardiovascular Rate: 67

- Education: 85
- Linguistic Isolation: 90
- Poverty: 98
- Unemployment: 98
- Housing Burden: 85
Census Tract: 6077005119

Population: 6,006
CalEnviroScreen 3.0 Percentile: 95-100%

Pollution Burden Percentile: 100
Population Characteristics Percentile: 79

Ozone: 65
PM 2.5: 82
Diesel: 41
Pesticides: 92
Toxic Releases: 62
Traffic: 71
Drinking Water: 99
Cleanups: 92
Groundwater Threats: 100
Hazardous Waste: 95
Impaired Water: 90
Solid Waste: 95

Asthma: 75
Low Birth Weight: 82
Cardiovascular Rate: 80
Education: 59
Linguistic Isolation: 72
Poverty: 52
Unemployment: 66
Housing Burden: 54

Manteca & Lathrop

CalEnviroScreen 3.0 Results (June 2018 Update)
Census Tract: 6077005001

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<tr>
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<th>5,569</th>
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<tr>
<td>Population Characteristics Percentile:</td>
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- **Ozone:** 74
- **PM 2.5:** 93
- **Diesel:** 46
- **Pesticides:** 71
- **Toxic Releases:** 62
- **Traffic:** 70
- **Drinking Water:** 56
- **Cleanups:** 0
- **Groundwater Threats:** 69
- **Hazardous Waste:** 0
- **Impaired Water:** 63
- **Solid Waste:** 65
- **Asthma:** 54
- **Low Birth Weight:** 19
- **Cardiovascular Rate:** 71
- **Education:** 45
- **Linguistic Isolation:** 22
- **Poverty:** 39
- **Unemployment:** 37
- **Housing Burden:** 9

Ripon

CalEnviroScreen 3.0 Results (June 2018 Update)

Show search results for ripon
### Escalon

<table>
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<th>Census Tract: 6077004901</th>
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<tbody>
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<tr>
<td>Pollution Burden Percentile: 87</td>
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<tr>
<td>Population Characteristics Percentile: 39</td>
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</tbody>
</table>

- **Ozone**: 74
- **PM 2.5**: 93
- **Diesel**: 21
- **Pesticides**: 89
- **Toxic Releases**: 99
- **Traffic**: 14
- **Drinking Water**: 66
- **Cleanups**: 52
- **Groundwater Threats**: 22
- **Hazardous Waste**: 43
- **Impaired Water**: 0
- **Solid Waste**: 86
- **Asthma**: 45
- **Low Birth Weight**: 22
- **Cardiovascular Rate**: 79
- **Education**: 43
- **Linguistic Isolation**: 29
- **Poverty**: 46
- **Unemployment**: 7
- **Housing Burden**: 59

**CalEnviroScreen 3.0 Results (June 2018 Update)**
THANK YOU!

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