

ASSEMBLY BILL (AB) 617 2021 COMMUNITY IDENTIFICATION WORKSHOP



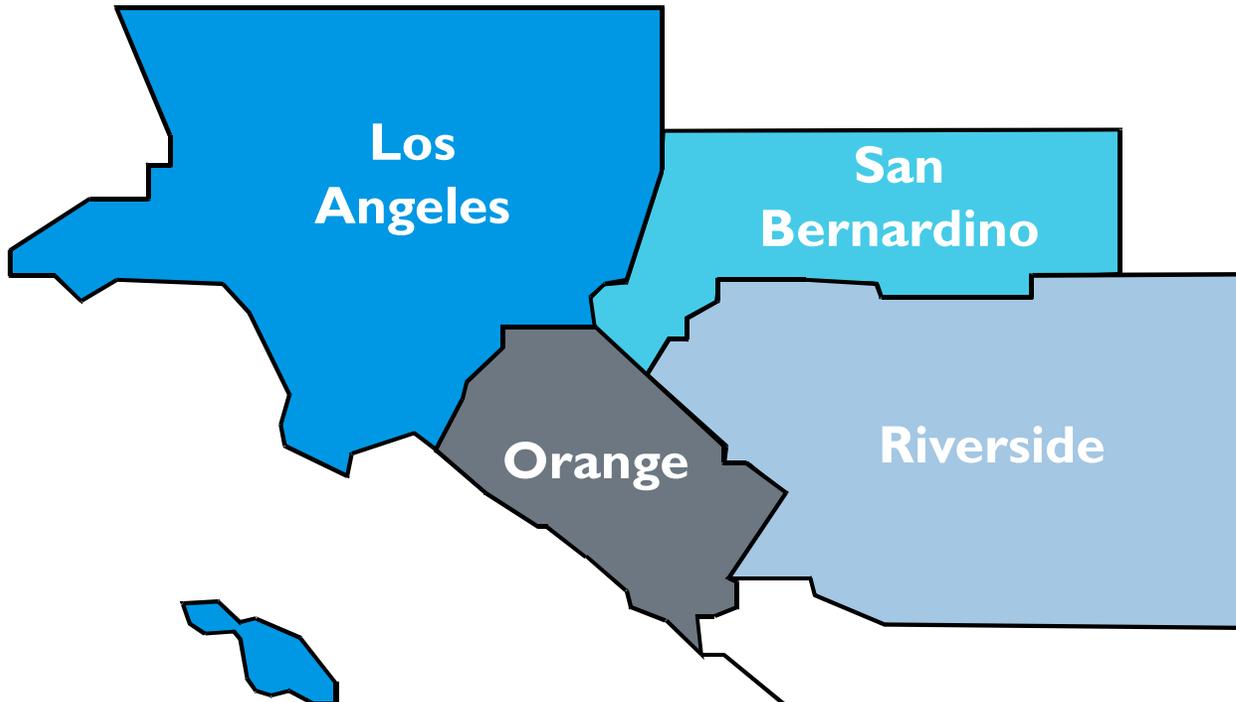
Kathryn Higgins
Acting Director of Community Air Programs
Planning, Rule Development & Area Sources

OCTOBER 6TH, 2021



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Regional government agency responsible for protecting our residents from the health effects of air pollution



What we do:

- Develop regional **Air Quality Management Plan**
- Adopt air quality **rules and regulations**
- Issue **permits**
- Conduct periodic **inspections and respond** to air quality complaints
- Conduct **air monitoring**
- **Engage** with all stakeholders
- **Public outreach**

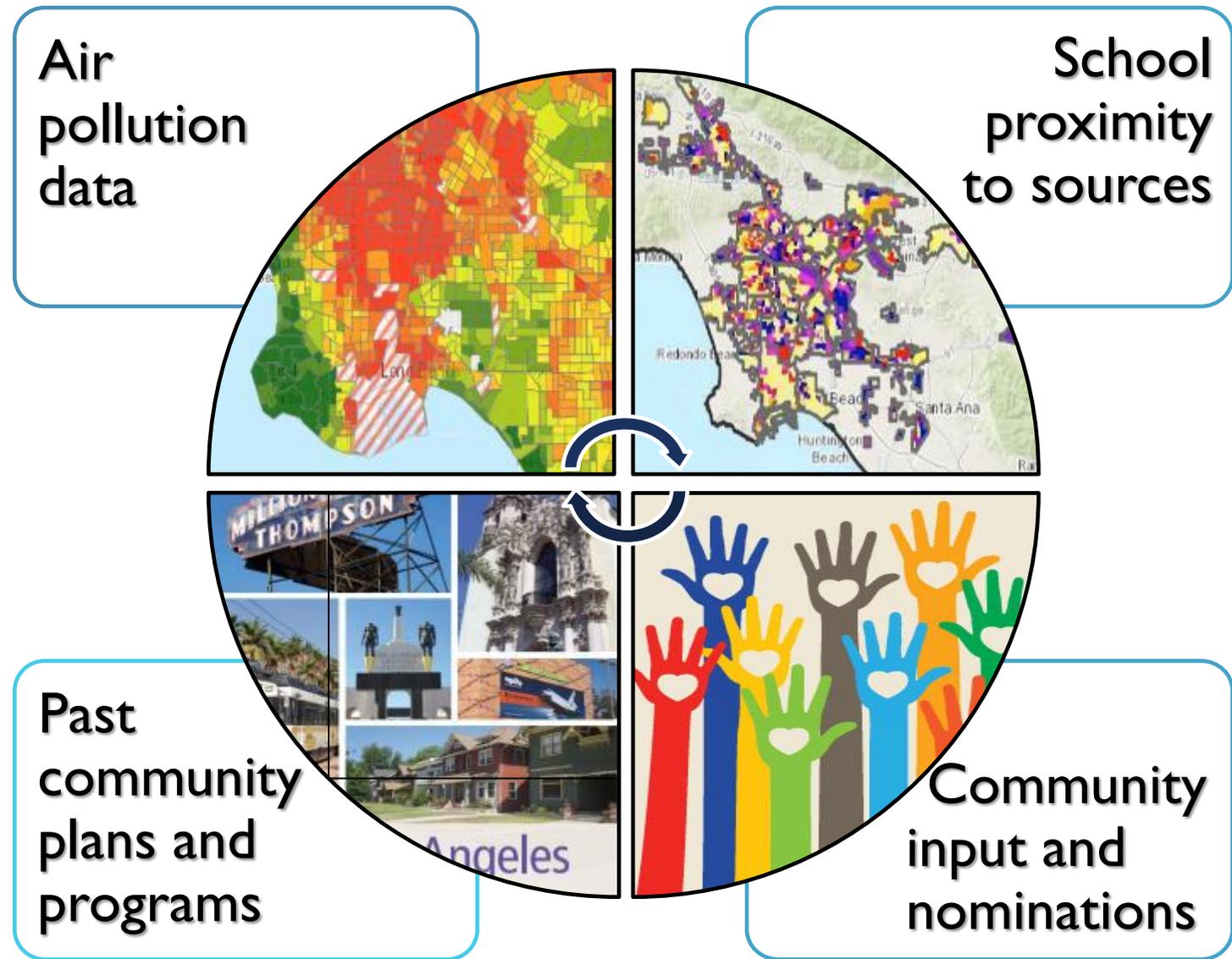
KEY ELEMENTS OF AB 617

Statewide program that addresses local air pollution concerns in environmental justice (EJ) communities



COMMUNITY IDENTIFICATION, RECOMMENDATION & SELECTION PROCESS

1. Identify disadvantaged communities
2. Assess criteria to prioritize potential AB 617 communities
3. CARB may select communities based on South Coast AQMD's recommendation



AB 617 DESIGNATED COMMUNITIES IN SOUTH COAST AQMD

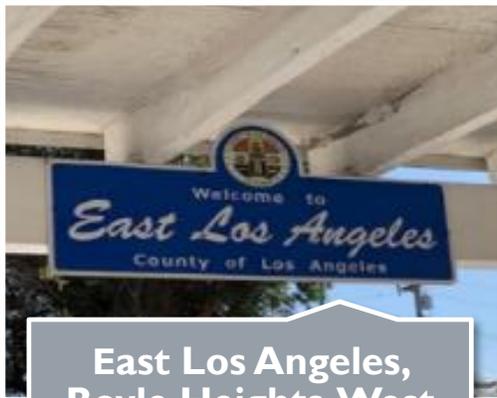
2018 (Year 1)



Wilmington, Carson,
West Long Beach



San Bernardino,
Muscoy

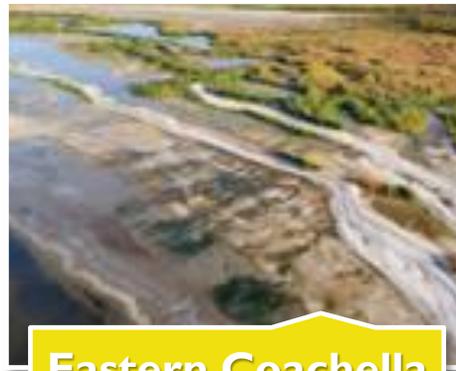


East Los Angeles,
Boyle Heights, West
Commerce

2019 (Year 2)



Southeast
Los Angeles



Eastern Coachella
Valley

2020 (Year 3)



South
Los Angeles

2021 OPPORTUNITIES

**BUILD
TRUST**

**IMPLEMENT
EXISTING
CERPs AND
CAMPS**

**ENHANCE
COMMUNITY
OUTREACH**

**PROVIDE
EDUCATIONAL
TRAINING**

**SEEK
ADDITIONAL
FUNDING**

**SUPPORT
COMMUNITY
GRANT
APPLICATIONS**

**South Coast AQMD
*will extend
community selection
to 2022***



- *Wilmington, Carson, West Long Beach*
- *San Bernardino, Muscoy*
- *East Los Angeles, Boyle Heights, West Commerce*
- *Eastern Coachella Valley*
- *Southeast Los Angeles*



- *South Los Angeles*



- *School Air Filtration*
- *Mobile Source Incentives*
- *BARCT Rule Development*
- *Additional programs:*
 - *Why Healthy Air Matters (WHAM)*
 - *Clean Air Program for Elementary Students (CAPES)*
 - *Clean School Bus*

**EJ efforts can be found in the Story Map:
([Link coming soon](#))*

NEXT STEPS

Collaborate with
community leaders and
support community
education

Continue
implementation of Year 1
and Year 2 community
CERPs

Continue Year 3
community CERP
development and begin
implementation

Additional Information



South Coast AQMD's AB 617 website:
www.aqmd.gov/ab617



CARB's Community Air Protection Program
website:
<https://ww2.arb.ca.gov/capp>



Community Self-Recommendation Form*:
<http://www.aqmd.gov/docs/default-source/ab-617-ab-134/2020-community-self-recommendation-form.pdf?sfvrsn=8>

*Please send Community Self-Recommendation Forms to ab617@aqmd.gov

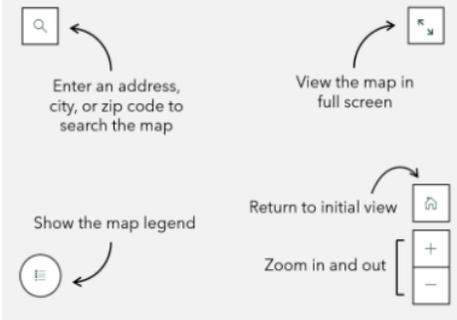
UPCOMING INTERACTIVE STORY MAP: *ENVIRONMENTAL JUSTICE AT SOUTH COAST AQMD*

SCOTT EPSTEIN, PHD
PROGRAM SUPERVISOR
PLANNING, RULE DEVELOPMENT & AREA SOURCES



Upcoming Interactive Story Map: *Environmental Justice at South Coast AQMD*

EXPLORING THE MAPS IN THIS STORY MAP



Introduction

South Coast AQMD and Environmental Justice

Air resources in California are managed within air basins with similar meteorological and geographical conditions. The South Coast Air Quality Management District (South Coast AQMD) is the agency responsible for managing air quality in the South Coast Air Basin and portions of the Salton Sea and Mojave Desert Air Basins. This area includes large portions of Los Angeles, Orange, Riverside, and San



Upcoming Interactive Story Map: *Environmental Justice at South Coast AQMD*

Environmental Justice at South Coast AQMD

Introduction Air Pollution Levels Pollution Reduction Strategies Community Outreach Conclusion

EXPLORING THE MAPS IN THIS STORY MAP

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View the map in full screen

Show the map legend

Return to initial view

Zoom in and out

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Locations and details about EJ communities within South Coast AQMD jurisdiction

South Coast AQMD jurisdiction

California Air Basins

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Environmental Justice at South Coast AQMD

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Environmental Justice at South Coast AQMD

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Ongoing South Coast AQMD efforts to reduce pollution in EJ communities

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Community outreach programs

South Coast AQMD jurisdiction

California Air Basins

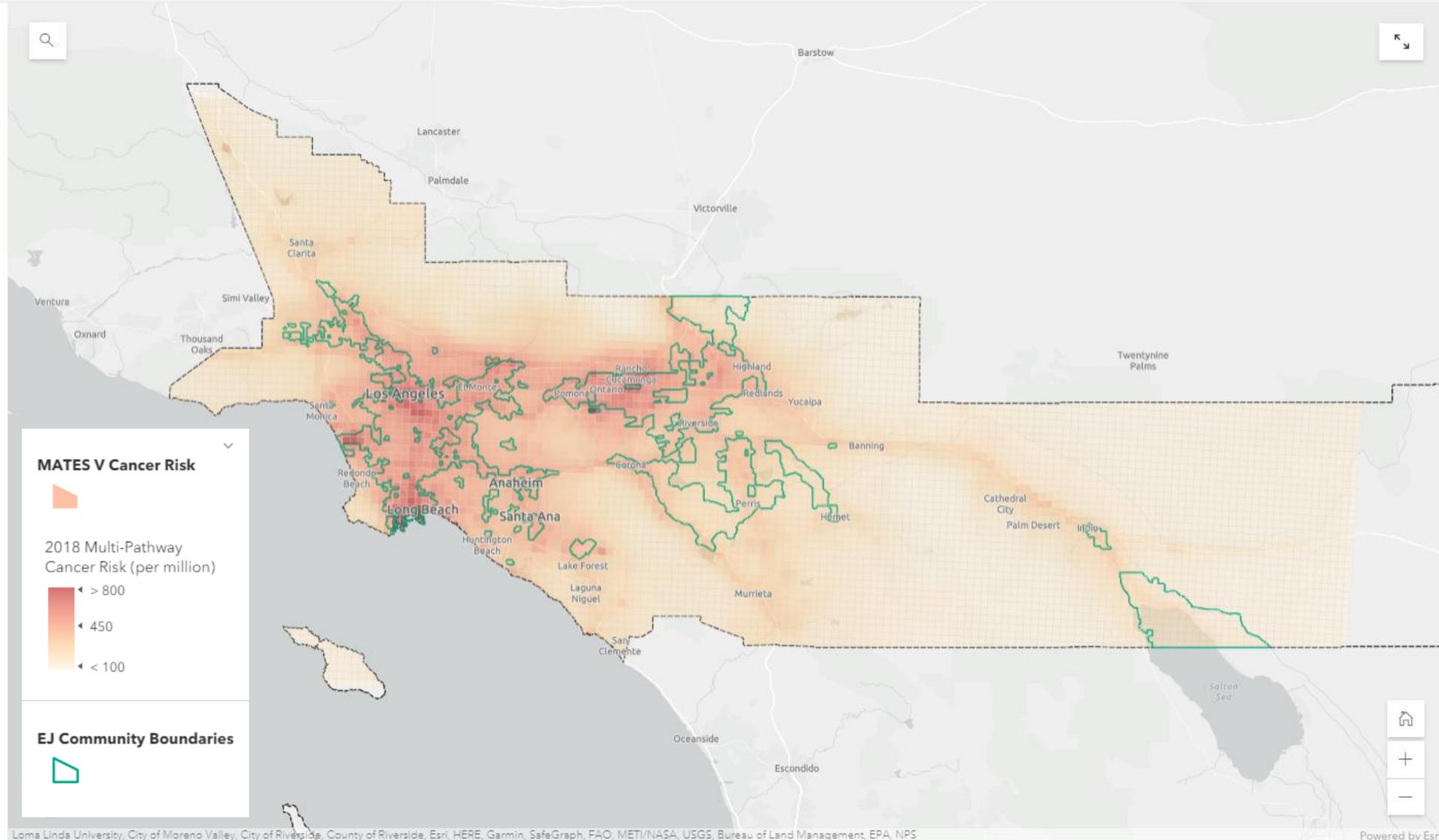
Air Pollution Levels in the Region

Toxic Air Pollutants

South Coast AQMD recently completed the fifth iteration of the Multiple Air Toxics Exposure Study (MATES V), which included an extensive monitoring campaign of more than 100 air toxics at ten stations from 2018-2019, updated emission inventories, and health risk modeling to characterize cancer risk from air toxics exposure across the district.

This map shows the MATES V multi-pathway cancer risk across the district. The average cancer risk in 2018 was 455 additional cancer cases per million people due to exposure to air toxics, compared to 997 per million in 2012 (MATES IV). Cancer risk in 2018 was 28% higher in EJ communities (528 per million) compared to non-EJ areas (413 per million). Diesel particulate matter continues to be the main driver of cancer risk across the district, with increased impacts near transportation corridors.

For the full MATES V report and data visualization tools, please visit the [MATES V website](#).



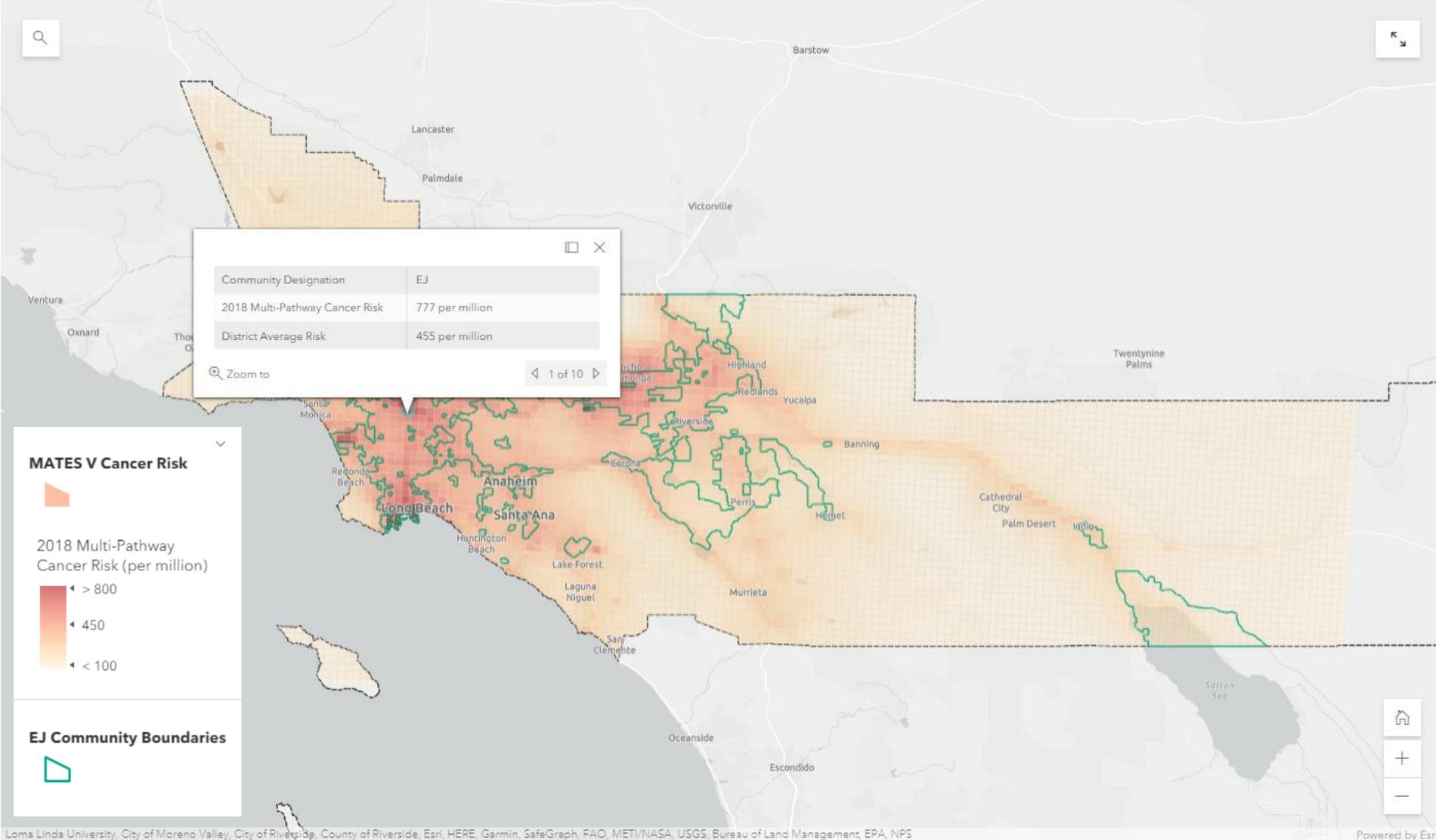
Multiple Air Toxics Exposure Study (MATES V)

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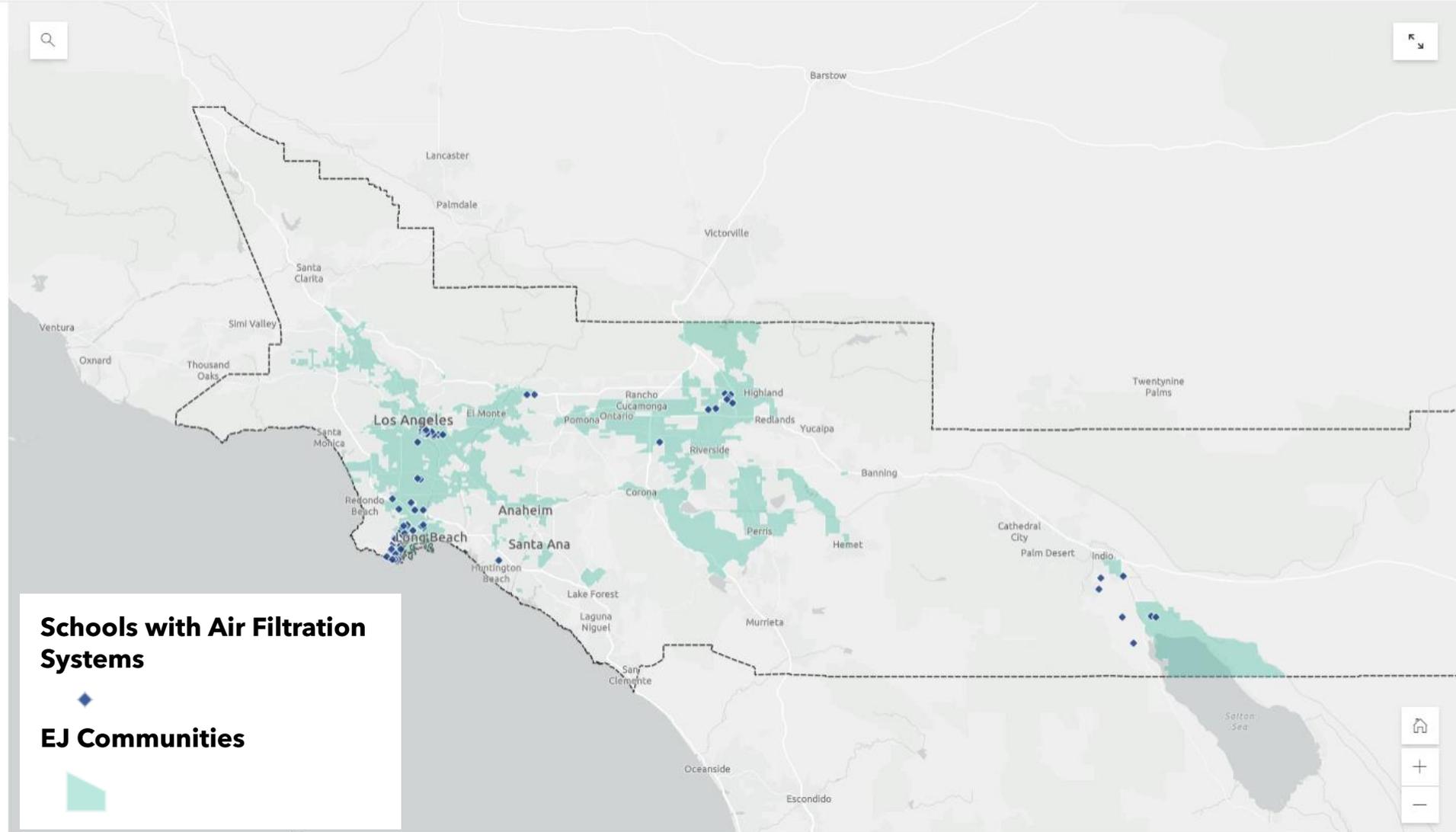
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School Air Filtration Program

School Air Filtration Program

Children are especially sensitive to air pollution compared to the general population. To reduce children's exposure to particulate pollution, South Coast AQMD has funded installation and maintenance of air filtration systems in 95 schools and Early Education Centers (EECs) in disadvantaged and low-income communities since 2008. These systems, including panel filters and standalone units, reduce the levels of indoor particulate matter children breathe throughout the day. Schools where air filtration has been installed with funding from South Coast AQMD are shown on this map.



Air filtration system installed in an elementary school

South Coast AQMD Education Programs

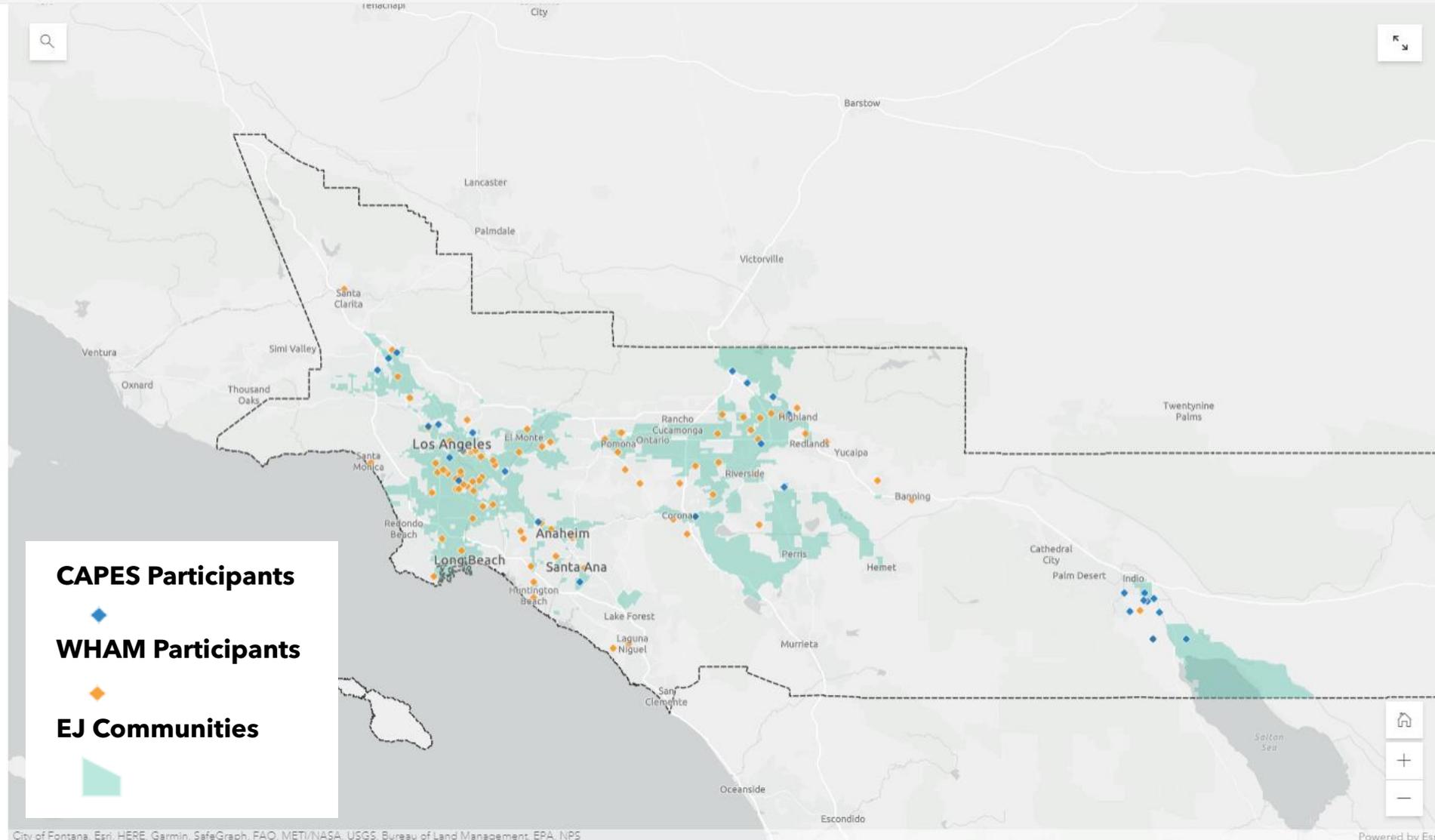
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Education Programs

South Coast AQMD offers two dynamic programs designed to build on the agency's long history of K-12 educational outreach to teachers and students in the region, especially within environmental justice communities.



The [Clean Air Program for Elementary Students \(CAPES\) program](#) is South Coast AQMD's elementary school science, technology, engineering, and math (STEM) educational program that focuses on engaging and educating teachers, students, and their families on air quality and the health effects of air pollution. Educators are provided with virtual videos and a curriculum kit that includes lesson plans, worksheets, answer



7TH ANNUAL ENVIRONMENTAL JUSTICE CONFERENCE



The 7th Annual Environmental Justice Conference hosted by South Coast AQMD is coming up on **October 27, 2021!**

For more details, visit:

<http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ejcp/environmental-justice-conference>

Save the Date

7th Annual
Environmental Justice
Conference

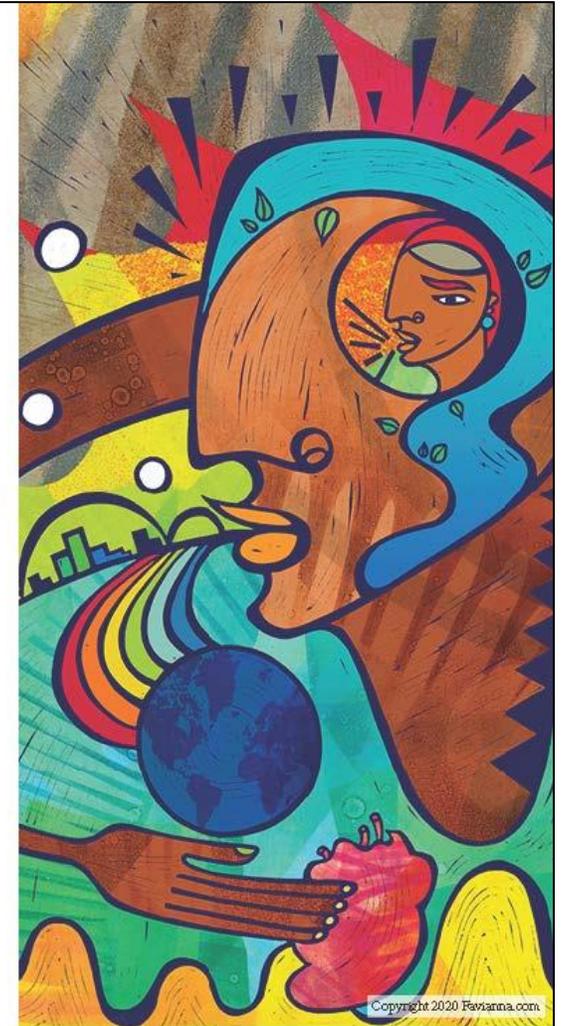
The Fight
for Clean Air,
Yesterday, Today,
Tomorrow

Wednesday,
October 27, 2021

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