



South Coast Air Quality Management District

South Coast
AQMD

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

SPECIAL MEETING OF THE ENVIRONMENTAL JUSTICE ADVISORY GROUP

Advisory Group Members

Ben Benoit, Councilmember, City of Wildomar

Rhetta Alexander	Dr. Jill Johnston
Manuel Arredondo	Maria Elena Kennedy
Dr. Lawrence Beeson	Evelyn Knight
Suzanne Bilodeau	Angelo Logan
Paul Choe	Humberto Lugo
Kerry Doi	David McNeill
Dr. Afif El-Hasan	Daniel Morales
Mary Figueroa	Donald Smith
Myron Hale	Rafael Yanez
Dr. Monique Hernandez	

**July 26, 2019 ♦ 12:30 p.m. ♦ Conference Room CC2
21865 Copley Drive, Diamond Bar, CA 91765-4182**

Call-in for listening purposes only is available by dialing:

Toll Free: 1-888-450-5996

Listen Only Passcode: 5186941

In addition, a webcast is available for viewing and listening at:

<http://www.aqmd.gov/home/library/webcasts>

AGENDA

Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't. Code Section 54854.3(a)). Please provide a Request to Address the Advisory Group card to the Advisory Group Secretary if you wish to address the Advisory Group on an agenda item. If no cards are available, please notify South Coast AQMD staff or a Board Member of your desire to speak. All agendas for special meetings are posted at District Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 24 hours in advance of the special meeting. Speakers may be limited to three (3) minutes each.

CALL TO ORDER

ACTION ITEMS (Items 1 through 3):

1. Call to Order/Opening Remarks
(No Motion Required)
Fabian R. Wesson
Assistant Deputy Executive Officer
Legislative, Public Affairs & Media
South Coast AQMD
2. Approval of April 26, 2019 Meeting Minutes
(Motion Required)
[Attachment 1]
Fabian R. Wesson
3. Review of Follow-Up/Action Items
(No Motion Required)
Staff will review the follow-up/action items identified in the previous meeting.
Fabian R. Wesson

DISCUSSION ITEMS (Items 4 through 7):

4. Monitoring in San Bernardino and Riverside Counties
(No Motion Required)
Staff will provide information on the air quality monitoring in San Bernardino and Riverside Counties.
Kevin Durkee
Quality Assurance Manager
Science & Technology Advancement
South Coast AQMD
5. Communications Overview
(No Motion Required)
Staff will provide an overview of the Communications and Media Office.
Nahal Mogharabi
Director of Communications
Legislative, Public Affairs & Media
South Coast AQMD
6. Member Updates
(No Motion Required)
All

OTHER MATTERS:

7. Public Comment Period
At a special meeting, no other business may be considered (Gov't Code Section 54956). Each speaker will be afforded three minutes to address the Committee on items on this agenda. (Gov't Code Section 54954.3).
8. **Next Meeting Date** – Friday, October 25, 2019

ADJOURNMENT

Document Availability

All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a special meeting, and (iii) having been distributed to at least a majority of the Advisory Group after the agenda is posted, are available prior to the meeting for public review at the South Coast AQMD, Public Information Center, 21865 Copley Drive, Diamond Bar, CA 91765.

Americans with Disabilities Act

The agenda and documents in the agenda packet will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Govt. Code Section 54954.2(a)). Disability-related accommodations will also be made available to allow participation in the Special Advisory Group meeting. Any accommodations must be requested as soon as practicable. Requests will be accommodated to the extent feasible. Please contact Brandee Keith at 909-396-3952 from 7 a.m. to 5:30 p.m. Tuesday through Friday, or send the request to bkeith@aqmd.gov.

AGENDA ITEM #2

**Approval of April 26, 2019
Meeting Minutes
[Attachment 1]**



South Coast Air Quality Management District

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(909) 396-2000 • www.aqmd.gov

ENVIRONMENTAL JUSTICE ADVISORY GROUP

FRIDAY, APRIL 26, 2019
MEETING MINUTES

MEMBERS PRESENT:

Rhetta Alexander, Valley Interfaith Council
Dr. Lawrence Beeson, Loma Linda University, School of Public Health
Suzanne Bilodeau, Knott's Berry Farm
Paul Choe, Korean Drycleaners & Laundry Association
Dr. Afif El-Hasan, American Lung Association
Mary Figueroa, Riverside Community College
Dr. Jill Johnston, University of Southern California (USC)
Evelyn Knight, Long Beach Economic Development Commission
Humberto Lugo, Comite Civico del Valle
Daniel Morales, National Alliance for Human Rights
Donald Smith, 136th Street Block Club
Rafael Yanez, Member of the Public

MEMBERS ABSENT:

Manuel Arredondo, Coachella Valley School District, Retiree
Kerry Doi, Pacific Asian Consortium in Employment
Myron Hale, Hanover Industries
Dr. Monique Hernandez, California State University, Los Angeles
Maria Elena Kennedy, Quail Valley Task Force
Angelo Logan, Occidental College & East Yard Communities for Environmental Justice
David McNeill, Baldwin Hills Conservancy

SOUTH COAST AQMD STAFF:

Fabian Wesson, Assistant Deputy Executive Officer
Nancy Feldman, Principal Deputy District Counsel
Dr. Jo Kay Ghosh, Health Effects Officer
Brian Roche, Systems & Programming Supervisor, Info Technology - Systems Development
Alicia Rodriguez, Senior Public Information Specialist
Brandee Keith, Secretary
Daniei Brown, Career Development Intern

ACTION ITEMS (Items 1 through 3):

1. **Meeting called to order at 12:05 by Fabian Wesson**
2. **Approval of January 18, 2019 Meeting Minutes**
Mr. Morales motioned to approve the minutes; Dr. Beeson seconded the motion. Minutes were approved without revision.

3. **Review of Follow-Up/Action Items**

There were no follow-up items from the previous meeting.

DISCUSSION ITEMS (Items 4 through 7):

4. **AB 617 Updates**

Dr. Ghosh provided updates on AB 617 implementation process in the three selected communities.

Mr. Lugo asked if he should resubmit their AB 617 self-nomination. Dr. Ghosh suggested updating the application to be considered for year 2 selection. Mr. Lugo also asked if South Coast AQMD knew how many year 2 communities would be selected. Dr. Ghosh responded that the California Air Resources Board (CARB) has not announced the number of communities that would be considered or selected.

ACTION ITEM: Distribute AB 617 meeting information to EJAG members.

5. **Facility Information Detail (F.I.N.D.) Update**

Mr. Roche provided updates on the F.I.N.D. feature on the South Coast AQMD website.

Members asked for explanations of navigation, use of the facility map, sorting search results, and export of search results with the updated system. Mr. Roche demonstrated each of these and noted that some previously available features would be updated to the new system.

Ms. Figueroa asked how soon after a company opened, would appear in the F.I.N.D. network. Mr. Roche confirmed the facility information would be entered into the facility within 24 hours, as long as they are an active, regulated facility in the South Coast AQMD's system. Ms. Figueroa asked whether or not mobile sources were included in equipment or emissions data. Mr. Roche explained that F.I.N.D. is designed for stationary sources. Ms. Figueroa asked which agency regulated trucks/mobile sources, and Mr. Roche shared CARB regulates trucks/mobile sources.

Dr. Johnston offered suggestions to include search criteria by pollutant.

Mr. Roche demonstrated a feature within the app to select a point such as a school or hospital, and locate nearby facilities. Ms. Bilodeau asked if the feature would work in reverse, such that a user could select a regulated facility and see sensitive receptors nearby. This feature is not available.

6. **EJAG Accomplishments 2018**

Alicia Rodriguez reviewed EJAG's accomplishments throughout 2018.

7. **Member Updates**

Mr. Choe requested a representative of South Coast AQMD provide a written explanation of Rule 1421 in a letter which the Federation of Korean Dry Cleaning Association can distribute to their members, to help plan ahead and work toward equipment replacement requirements.

Dr. El-Hasan announced the recent State of the Air report graded Southern California poorly.

Dr. Beeson shared that three doctoral candidates at Loma Linda University are researching long-term health effects of air pollution in both California and nationally.

Mr. Yanez shared that City of Los Angeles industrial waste inspectors will be working with South Coast AQMD for training to recognize emissions or air quality regulation violations. Los Angeles Sanitation is also hosting an Earth Day celebration.

Mr. Smith shared that the auto body system is switching from air-blowing systems to vacuum systems in order to capture particle pollution, and suggested leaf blowers might be adapted to do the same in order to prevent dust pollution. Mr. Yanez mentioned most leaf blowers now come with a reverse/vacuum function.

ACTION ITEM: Staff to request information on equipment vacuum systems eligible for the Commercial Electric Lawn and Garden Equipment Incentive & Exchange Program.

Mr. Morales requested future presentations on the status of Riverside and San Bernardino air quality to explain why it ranks lowest in the country.

ACTION ITEM: Staff to request presentation on air quality in Riverside and San Bernardino Counties.

Ms. Figueroa shared that Riverside and San Bernardino counties seem to be constantly in competition with Los Angeles for regulatory efforts, and often receive little support.

Ms. Knight suggested a “Community Engagement Fair” to help inform and educate communities on air pollution.

Dr. Johnston shared that South Coast AQMD and USC presented to policy makers supporting a moratorium on land use and housing near freeways. She also expressed interested in updates on the Multiple Air Toxics Exposure Study V (MATES V).

ACTION ITEM: Staff to request a presentation on MATES V.

OTHER MATTERS:

8. Other Business

Dr. El-Hasan announced that Advair asthma medication has turned generic.

9. **Public Comment Period**

Ms. Alexander asked for clarification on South Coast AQMD's role in regulating or supporting an increase in the use or regulation of transportation and zero-emission vehicles.

Mr. Yanez suggested more billboard advertisement campaign to reach out to communities.

Mr. Smith suggested South Coast AQMD connect with local 211 and 311 services to disseminate information.

10. **Next Meeting Date** – Friday, July 26, 2019

AGENDA ITEM #4

Monitoring in San Bernardino and Riverside Counties [Attachment 2]

Air Quality Measurements in San Bernardino & Riverside Counties

Kevin Durkee

Quality Assurance Manager

Science & Technology Advancement
Monitoring & Analysis Division



Environmental Justice Advisory Group

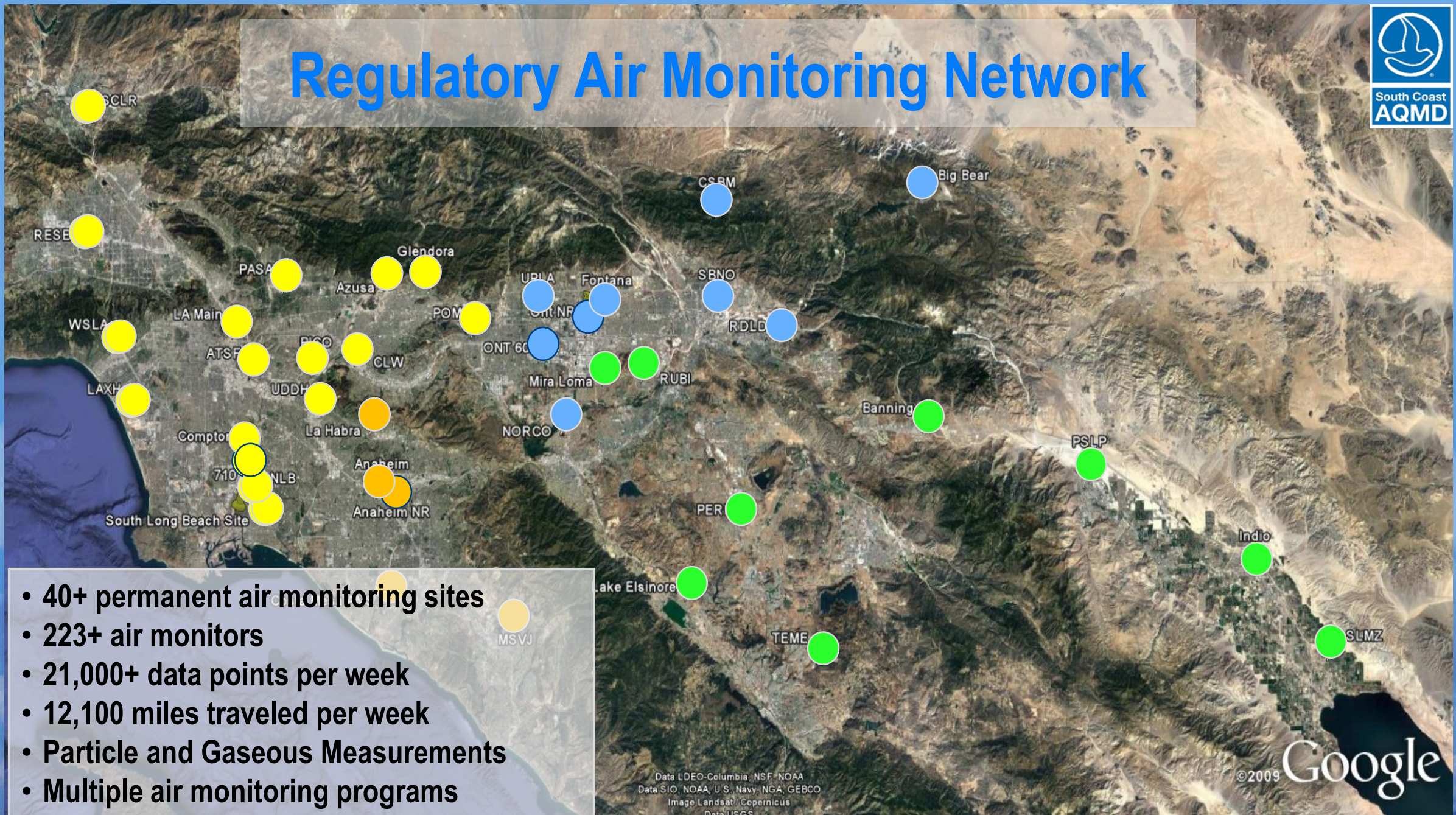
July 26, 2019

Air Monitoring Program Overview

- **Federal Programs (U.S. EPA Grant funding)**
 - Criteria Pollutant Monitoring Program
 - O₃, PM_{2.5}, PM₁₀, CO, NO₂, SO₂ & Lead (SLAMS/NCore/Near Road)
 - Photochemical Assessment Monitoring Stations (PAMS)
 - National Air Toxics Trends Stations (NATTS)
 - PM_{2.5} Chemical Speciation Program
- **Multiple Air Toxics Exposure Study (MATES)**
- **Community & Compliance Programs**
 - Community Monitoring (e.g., AB 617, R1180)
 - Low cost sensor evaluations and studies
 - Source Compliance (e.g., Cr⁶⁺, lead)
- **Event / Response Monitoring**
 - Wildfire Smoke Monitoring
 - Emergency Response



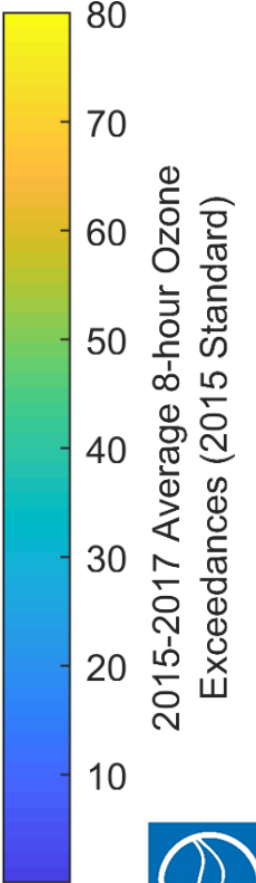
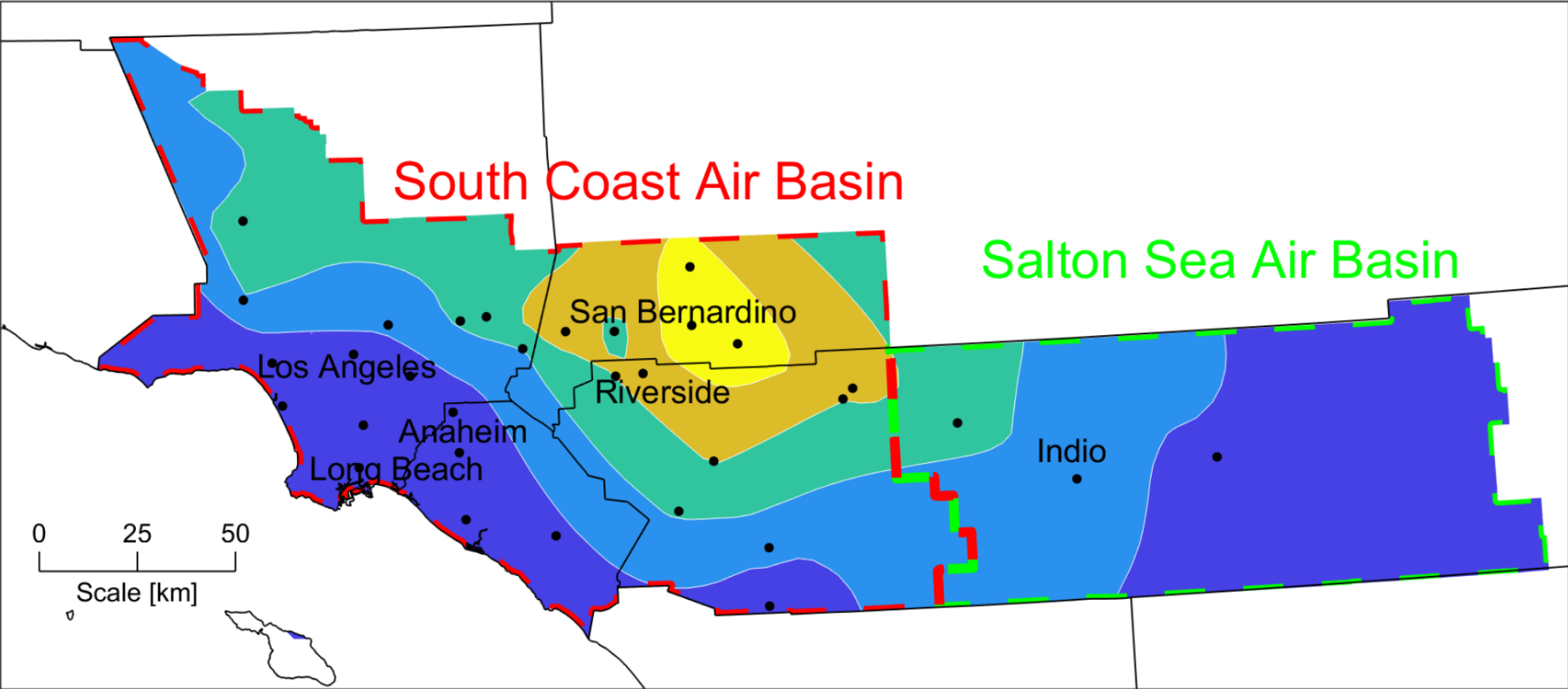
Regulatory Air Monitoring Network



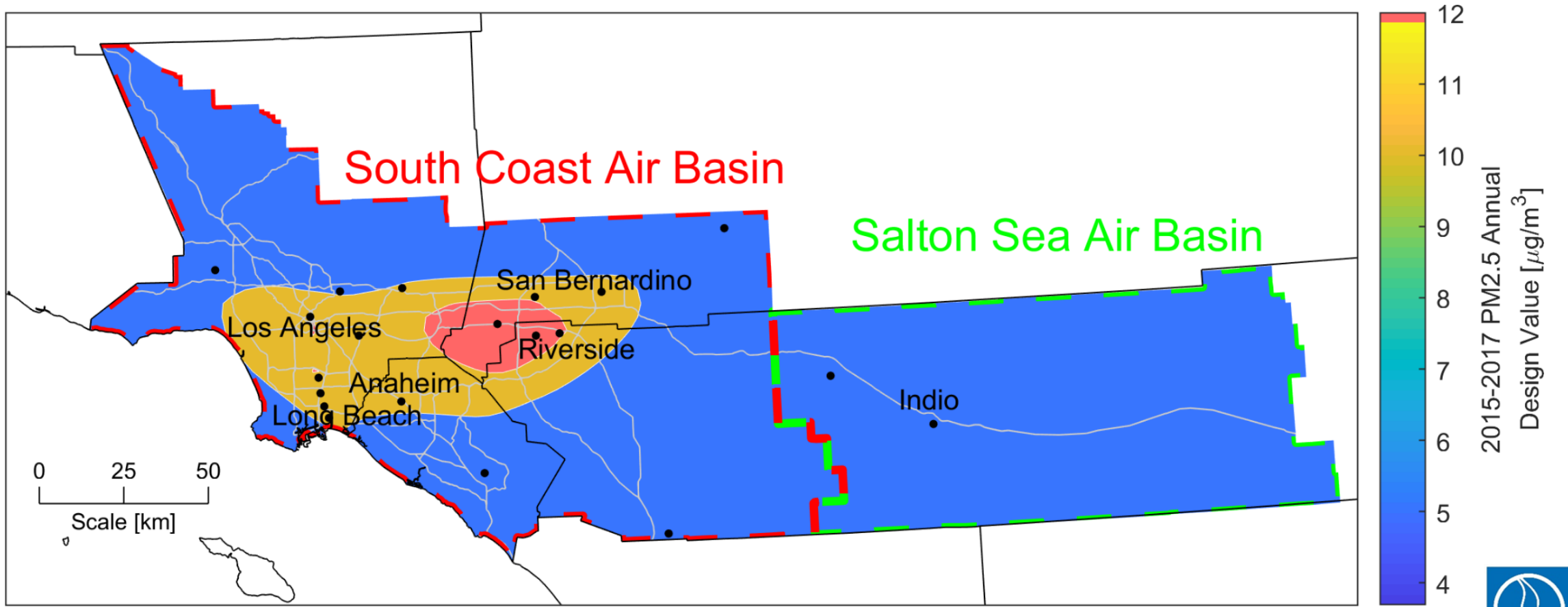
- 40+ permanent air monitoring sites
- 223+ air monitors
- 21,000+ data points per week
- 12,100 miles traveled per week
- Particle and Gaseous Measurements
- Multiple air monitoring programs

Data LDEO-Columbia, NSF, NOAA
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image Landsat, Copernicus
Data USGS

Ozone



PM2.5



Multiple Air Toxics Exposure Study (MATES)

A study of regional air toxic impacts

Purpose:

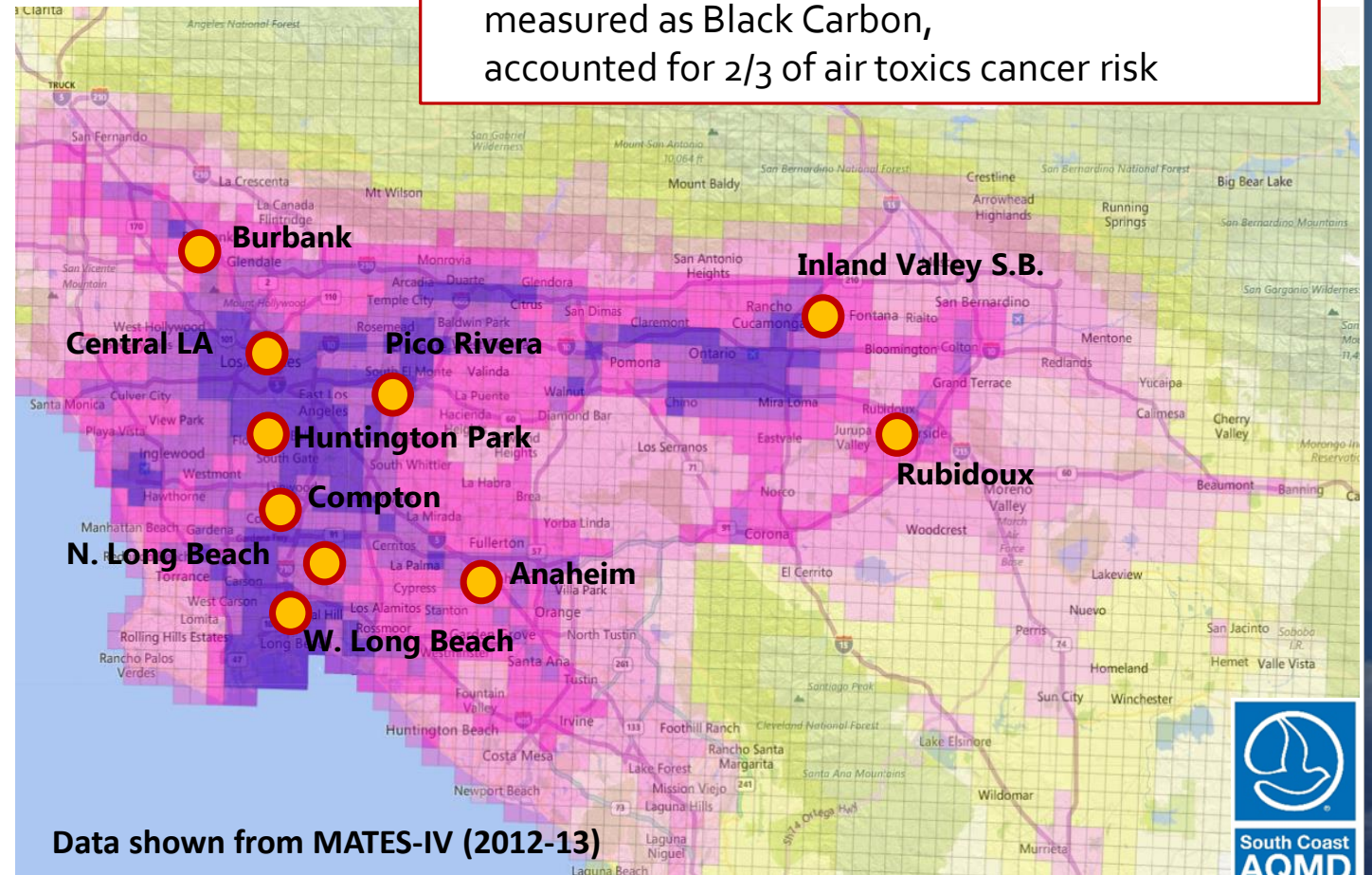
- Provide information on cumulative toxic exposure and carcinogenic risk
- Evaluate progress in reducing air toxics exposure
- Provide direction to future toxics control programs

Important MATES Finding:

- Diesel Particulate Matter (DPM), measured as Black Carbon, accounted for 2/3 of air toxics cancer risk

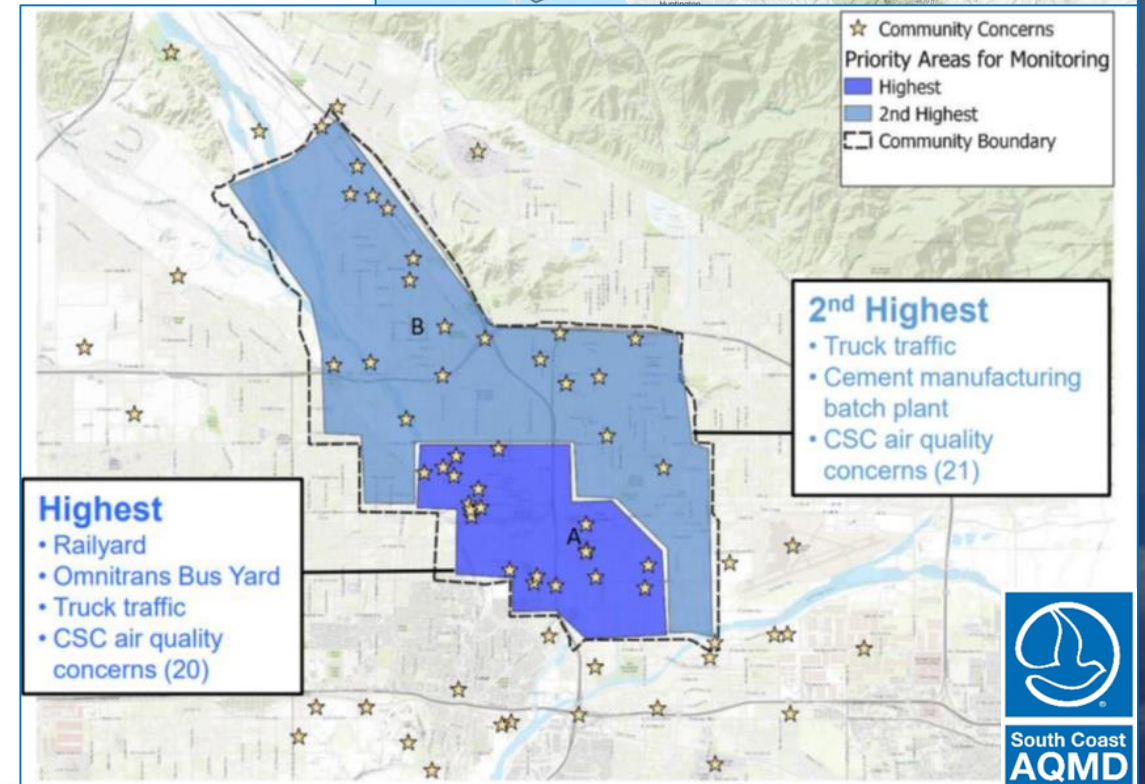
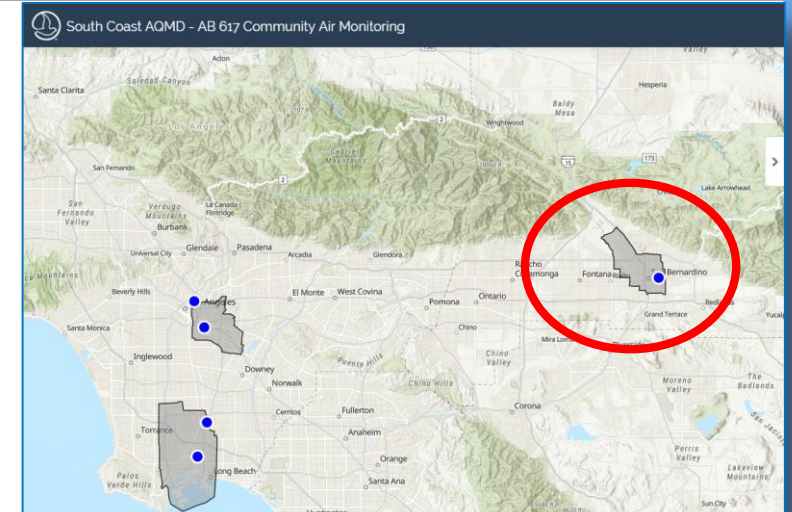
MATES-V (2018-2019)

- Sampling ended April 2019
- Lab analyses ongoing
- Monitoring data will be modeled with emissions inventory for regional assessment



AB 617 Community Air Initiative

- State initiative for community air monitoring and/or emissions reduction plans
- Year 1:
 - 10 Communities Statewide
 - 3 in South Coast Air Basin
 - Including **San Bernardino/Muscoy**
- SBM Community Steering Committee working with staff since Fall 2018 to ensure community priorities are reflected in plans



SBM Community Air Monitoring Progress

(Initiated July 1, 2019)



Fixed Monitoring



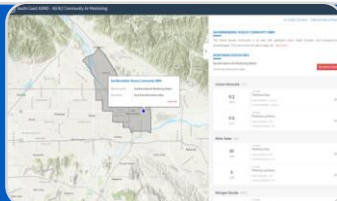
Mobile Monitoring



Flight-Based Measurements



Community Air Monitoring Website



Community Air Monitoring Data Display

PurpleAir Sensor Networks



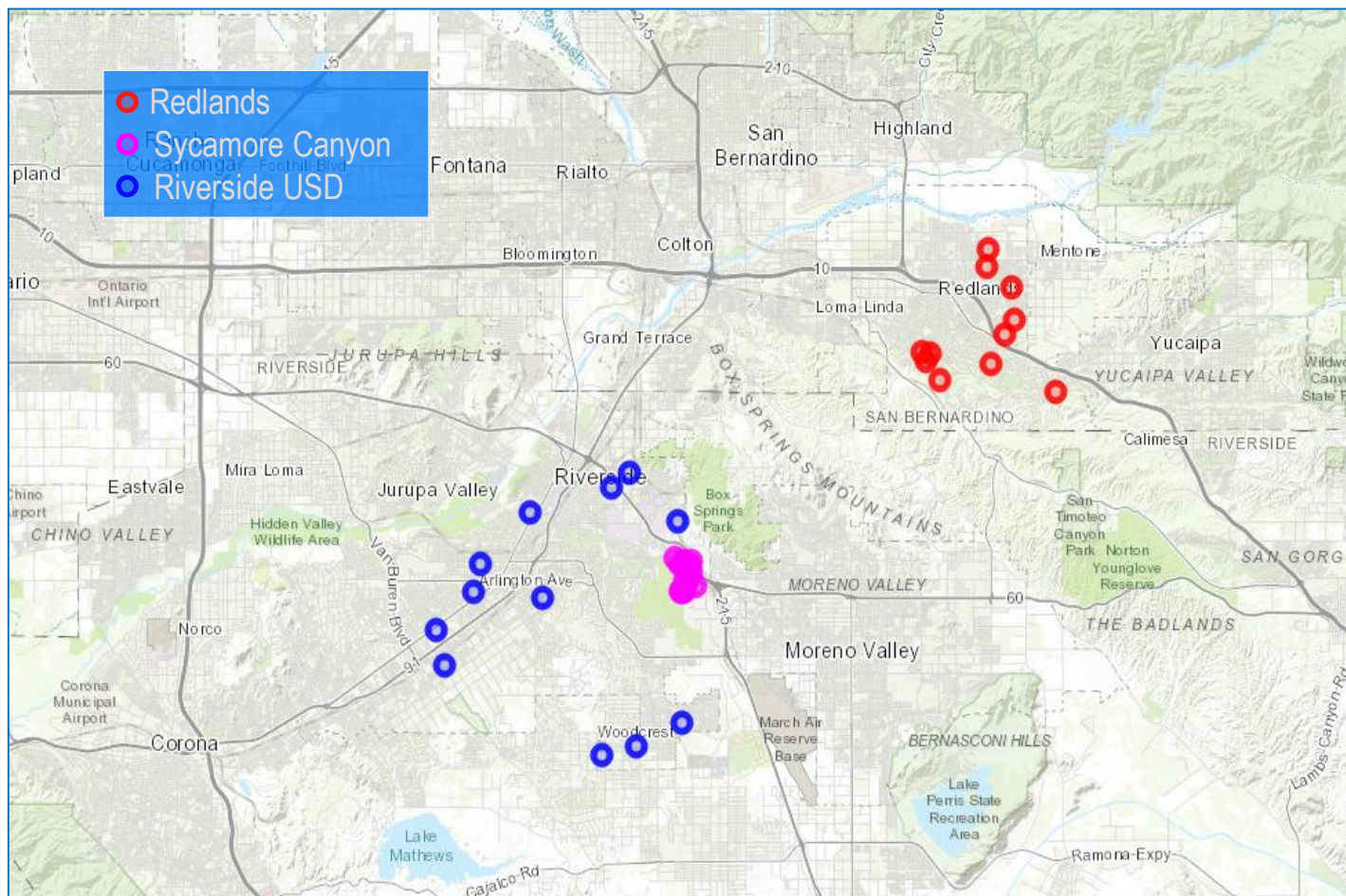
U.S. EPA STAR Grant

To Engage, Educate, & Empower California Communities on the Use & Applications of “Low-Cost” Air Monitoring Sensors

Community & Number Deployed:

- Redlands (25): 8/25/2016 – Present
- Sycamore Canyon (30): 1/10/2018 – Present
- Riverside USD (13): 7/25/2017 – Present

Sensor degradation & lifetime is likely to affect data quality from sensors deployed for long periods

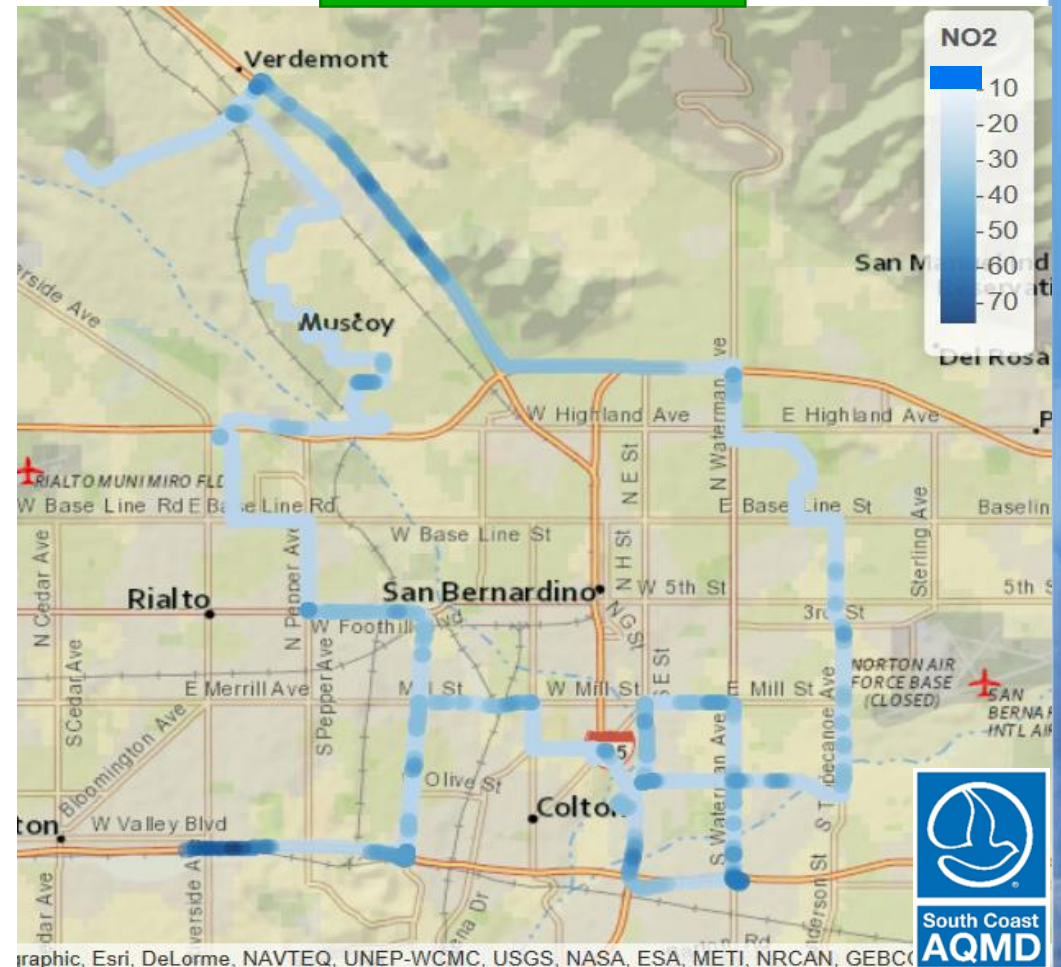


Mobile Monitoring: Platform 1



Target Pollutants:
NO₂, CO, O₃,
PM, Black Carbon
& Ultrafine Particles

Preliminary Results



Community Air Quality Target Priorities:

- Railyard, Truck traffic, Warehouses

Purpose:

- Identify diesel PM hotspots
- Assess exposure impact of transportation corridors and idling spots
- Track progress of targeted emission reduction strategies

Fixed Monitoring - Baseline

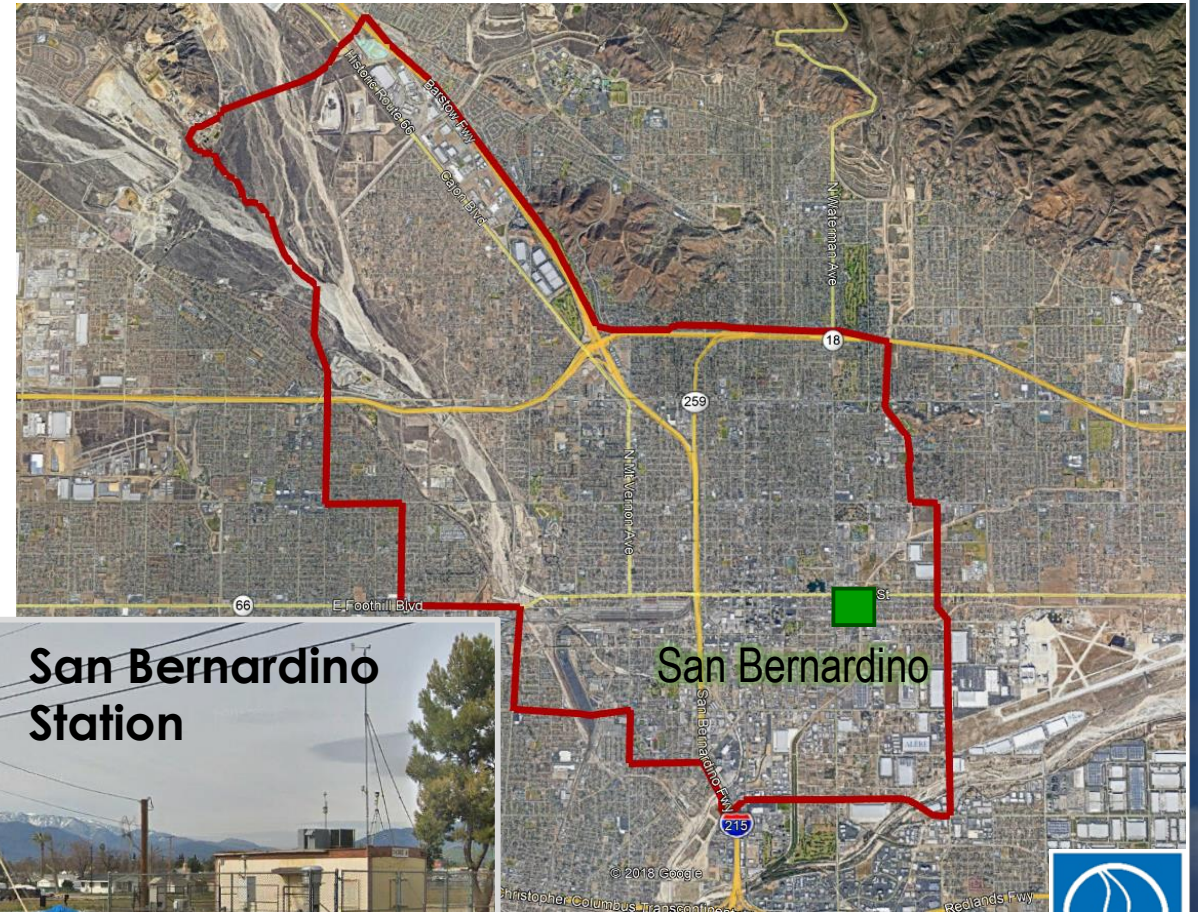
Purpose: To provide information about general air quality conditions in this community and track progress

Continuous, real-time monitors:

- CO, NO_x, O₃, black carbon (BC), ultrafine particles (UFP)

24-hr time-integrated samples:

- PM_{2.5} (1-in-3 days)
- Lead (Pb) (1-in-6 days)
- PM₁₀ (1-in-6 days)
- Volatile Organic Compounds (1-in-12 days)



Low-Cost Sensor Network



PurpleAir PA-II Sensors (top)

- **Measures:** $PM_{1.0}$, $PM_{2.5}$, and PM_{10}
- Operational Principle: optical particle counter
- Cost: ~\$200



Aeroqual AQY (bottom)

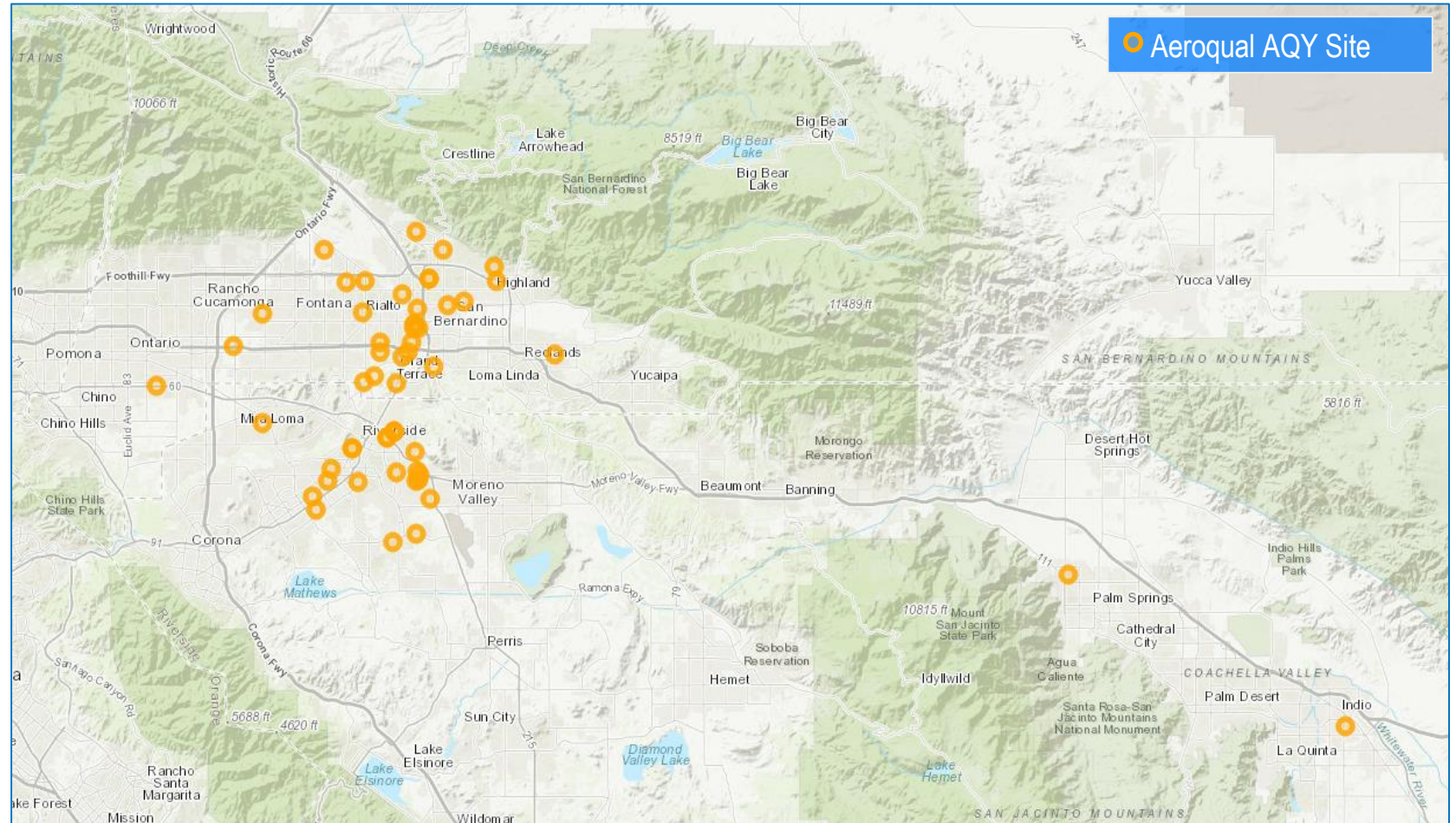
- **Measures:** $PM_{2.5}$, O_3 , and NO_2 , Temperature & RH
- Operational Principles: optical particle counter, metal-oxide semiconductor sensor, electrochemical sensor
- Cost: ~\$3000

- *Both sensors have been tested by AQ-SPEC and evaluation reports are available online*

Aeroqual Sensor Network



- Deployment started December 2017
- Wider distribution area than STAR Grant communities
- 56 deployed
- 28 currently active





Questions & Discussion

AGENDA ITEM #5

Communications Overview [Attachment 3]

South Coast AQMD Communications and Media Office



Nahal Mogharabi

Director of Communications

909-396-3773

nmogharabi@aqmd.gov

Office Overview



- **Media Relations**
- **Social Media**
- **Graphics**
- **Advisor**

OUR MISSION



Clean the air and protect the health of all residents in the South Coast Air District through practical and innovative strategies.

GRAPHICS



- Branding
- Brochures
- Banners
- Advertisements
- Print Publications
- Materials designed for the general public

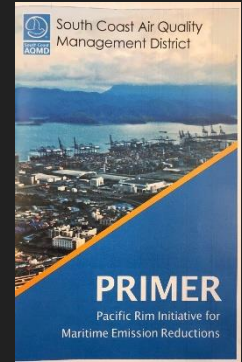


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PRIMER
Pacific Rim Initiative for Maritime Emission Reductions



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A ONE-STOP APP FOR

- Alerts & AQI
- Events & Alt. Fuel Locations
- Temperature & Weather

DOWNLOAD NOW

POINT YOUR CAMERA HERE

Visit Our Website: www.aqmd.gov/mobileapp
Visit The Apple/Google App Store



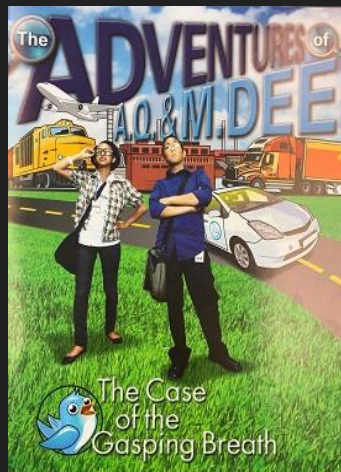
Do Your Part to Help Clean the Air

- Be involved. For news, air quality alerts, event updates and more, please visit www.aqmd.gov or download our award-winning smartphone app.
- Report smoking vehicles and suspected air pollution violations by calling **1-800-CUT-SMOG**
- When buying your next vehicle, consider choosing a cleaner model available. For more info including incentive programs, visit our website.
- Use environmentally friendly dry cleaning services. To find one in your area, visit our website.
- Instead of driving to work, ride your bike, use public transportation, or join a carshare program. Visit our website for more information.
- Painting homes and other structures can create smog-forming pollutants. Read paint labels and choose coatings that contain little or no pollutants, identified as volatile organic compounds (VOCs).
- Energy used to run air conditioning in the summertime boosts power plant emissions. Plant a tree to help shade your home and cool it naturally.
- In one year of operation, a gasoline-powered lawn mower pollutes as much as a new car driven 22,000 miles. Help cut pollution by replacing your gas-powered mower with an electric model. Contact us for special exchange programs.
- Traditional barbecues can be a significant source of air pollution. Replace your old barbecue with a natural gas grill.
- Check Before You Burn: During the late fall and winter seasons when residents can see more unhealthy levels of fine particulate matter. Checking the air quality and choosing not to use wood-burning devices like your fire place, stove or outdoor fire pit during unhealthy days can reduce particulate matter emissions and help clean the air.

#SouthCoastAQMD

Clean Air
www.aqmd.gov

The ADVENTURES of AQ&M-DEE



The Case of the Gaspung Breath

31st CLEAN AIR AWARDS

NOMINATIONS OPEN THROUGH AUGUST 7th SUBMIT AT CleanAirAwards.com NOW!

Each year since 1989, South Coast AQMD has honored those across our region who have helped to improve the air we breathe.

Our air is cleaner and our families are healthier because of their efforts.

Visit CleanAirAwards.com to submit a nomination.

The deadline for submitting nominations is 11:59 p.m. on August 7, 2019.

5th ANNUAL Environmental Justice Conference

BUILDING ALLIANCES AND PROGRESSIVE SOLUTIONS FOR ENVIRONMENTAL JUSTICE

September 12, 2019
8:30 AM - 3:00 PM
THURSDAY

Center at Cathedral Plaza
1000 Wilshire Blvd.
Los Angeles, CA 90015-2702

RSVP at bit.ly/ejconference5

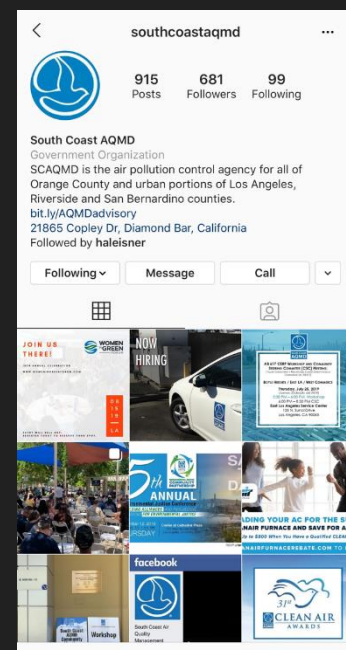
SOCIAL MEDIA

@SouthCoastAQMD

“Smart phones and social media expand our universe. We can connect with others or collect information easier and faster than ever.”



- Another way to inform public on programs, initiatives and work
- Inform on multiple issues at once
- Provide instant information when needed
- Visually highlight work
- Inspire a new generation of air quality leaders



MEDIA RELATIONS



- Serve as liaison with media
- Respond to media inquiries
- Events
- Serve as Spokesperson
- Develop and Distribute News Releases
- Maintain and Build Relationships with Media
- Assist with strategies for traditional and non-traditional outreach



Telling Our Story

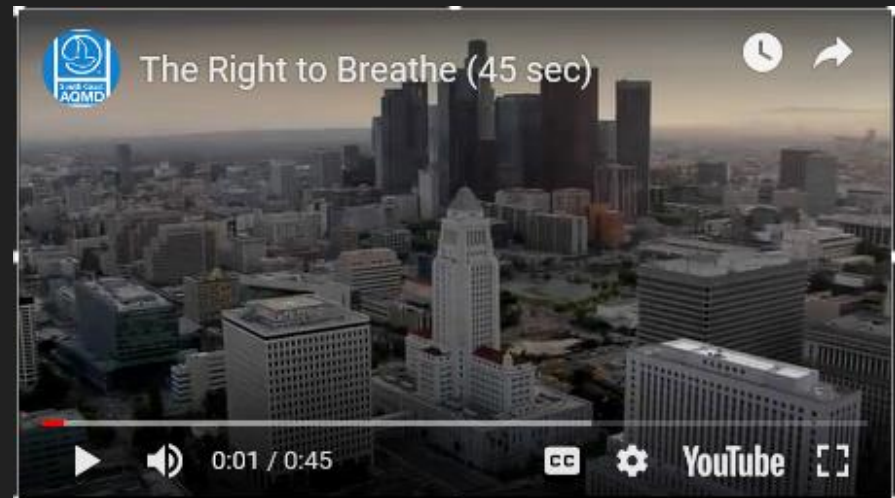


- **Advertising Campaigns**

- Google campaign:
- Promotes Specific Program:
 - Right To Breathe
 - Check Before You Burn

- **Paid Radio Spots**

- Check Before You Burn



Telling Our Story



Desert Sun.

PART OF THE USA TODAY NETWORK

Palm Springs: One of the smoggiest spots in the US?

Janel Wilson, Palm Springs Desert Sun

- Air quality regulators have asked for an "extreme" ozone rating for the Coachella Valley
- EPA needs to approve the request
- The smog comes mostly from the LA area

Palm Springs could soon join Los Angeles and the San Joaquin Valley with the dubious distinction of having the smoggiest air in the nation. After spikes in lung-burning air pollution here in the past two years, regional regulators told The Desert Sun this week that they will seek to "bump up" the Coachella Valley's official ozone status to extreme — the highest federal classification.

Los Angeles Daily News

OPINION

What's the air quality in SoCal really like?

By WAYNE NASTRI | PUBLISHED: April 23, 2019

Angelenos as of late have been thinking to themselves: why was this winter season so cold? As the recent superbloom has shown, Los Angeles has been blessed with lots of rain. In fact, since October o last year, Los Angeles received 18 inches of rain. To put this in perspective, the city on average, sees about 14 inches of rain in a full year. This surge of rain has come with cooler days, a longer winter and beautiful views of snowcapped mountains.

The recent string of showers, foliage and clear skies can give the impression that our air is clean. However, despite the tremendous progress we have made over the years, our work is not finished. Tomorrow, the American Lung Association (ALA) will release its annual State of the Air Report that grades counties in the United States based on air pollution levels, specifically ozone (smog) and fine particulate matter. Los Angeles will again be high on that list. Although the report shows that Los Angeles continues to be one of the most polluted areas in the country, what it doesn't show is how in the past three decades, the number of days each year that failed to meet current federal clean air standards have decreased by more than 115 days.

There is no doubt that the 17 million residents within the South Coast Air Quality Management District (South Coast AQMD), which includes Los Angeles, Riverside, San Bernardino and Orange counties, are exposed to high levels of ozone and particulate matter—80% of which comes from mobile sources.

Los Angeles Times

The war on Southern California smog is slipping. Fixing it is a \$14-billion problem

By Tony Barboza, Rahul Mukherjee, July 1, 2019

The war on smog has been called one of America's greatest environmental successes. Decades of emissions-cutting regulations under a bipartisan law — the 1970 Clean Air Act — have eased the choking



South Coast AQMD Honors Former Governing Board Member Dr. Clark Parker

By Special to the Sentinel, Published June 13, 2019

Dr. Clark E. Parker, Sr. was appointed to the South Coast Air Quality Management District's Governing Board by the California Senate Rules Committee on June 1, 2012.

During his tenure at South Coast AQMD, Dr. Parker was devoted to improving the lives of residents in the South Coast Air Basin. He was especially focused on improving the lives of residents living in disadvantaged communities, especially African American communities.

"Dr. Parker was dedicated to our mission of cleaning the air," said South Coast AQMD's Governing Board Chair Dr. William A. Burke, Ed.D. "He is an inspiring individual who truly wanted to make life better for those living in the region."



Clean Air Awards—Leading the Future for Clean Air

May was National Clean Air Month. The South Coast Air Quality Management District (South Coast AQMD) is celebrating by announcing the opening of nominations for our 2019 Clean Air Awards. This will be the 31st Annual Clean Air Awards to recognize those who have made outstanding contributions and led the way to clean air and a healthier future.

Past Clean Air Award winners have represented the most forward-thinking leaders in government, business, medicine, technology and education. Each year, South Coast AQMD also recognizes an individual or organization for Youth Leadership in Air Quality. This award is especially inspiring as we see the future of clean air through the eyes of the next generation of leaders.

that often have the least access to these types of technologies. In the technology and business leadership categories, it was baffling for Tesla and Proterra to receive awards related to their work in zero-emission passenger and heavy-duty vehicles, respectively. These companies are literally driving the future of clean transportation technologies through their innovation of battery electric vehicles. These clean air vehicles are critical to reducing nitrogen oxide (NOx) and diesel that contribute to more harmful air pollution in our region.

Awards were also presented to the Los Angeles World Airports in Business Leadership, California State University, Los Angeles in Clean Air Education and Outreach, Metrolink and the City of

Telling Our Story



The air we breathe



STREETSBLOG LA



SGV Connect 44: South Coast AQMD Wants to Clean the Air, and the Puente Creek Bikeway/Greenway Project

By Damien Newton | Jul 18, 2019

Latest podcast features Dr. Phillip Fine of SCAQMD and Carolina Hernandez of Principal Engineer at L.A. County Public Works

Expanding Our Media Outreach



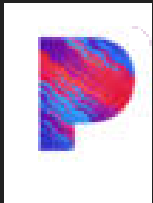
- Hispanic Outreach
 - Targeted Outreach to region-wide outlets
 - Increase translation of press documents to Spanish (press releases, newsletter)
 - Increase availability of information and interviews in Spanish
 - Targeted Campaigns
 - Air Quality Issues (Ozone Attainment)
 - Advisory's



Future Efforts

Modernize Advertisement

- Facebook/Instagram targeted advertisements
- Pandora / Spotify Advertisements
- Podcasts
- BuzzFeed/Upworthy



Expanding Media Tools

- Podcasts
- YouTube Shows
- Interviews with international outlets
- Crisis Communications
- Expand Social Media Stories and videos
- Photo Library
- Social media giveaway's and contests



Thank you!



**South Coast Air Quality Management District
Environmental Justice Advisory Group**

2019 Meeting Dates

Date	Time	Location
Friday, January 18, 2019	12:15 PM	South Coast AQMD Headquarters 21865 Copley Drive, Diamond Bar, CA 91765 <u>Room: GB</u>
Friday, April 26, 2019	12:00 PM	South Coast AQMD Headquarters 21865 Copley Drive, Diamond Bar, CA 91765 <u>Room: GB</u>
Friday, July 26, 2019	12:30 PM	South Coast AQMD Headquarters 21865 Copley Drive, Diamond Bar, CA 91765 <u>Room: CC2</u>
Friday, October 25, 2019	12:00 PM	South Coast AQMD Headquarters 21865 Copley Drive, Diamond Bar, CA 91765 <u>Room: GB</u>

List of Acronyms



ENVIRONMENTAL JUSTICE COMMUNITY PARTNERSHIP ADVISORY COUNCIL

LIST OF ACRONYMS

AQIP = Air Quality Investment Program	NTTS = National Air Toxics Trends Stations
AVR = Average Vehicle Ridership	NESHAPS = National Emission Standards for Hazardous Air Pollutants
Cal/EPA = California Environmental Protection Agency	NGV = Natural Gas Vehicle
CARB = California Air Resources Board	NO_x = Oxides of Nitrogen
CEMS = Continuous Emissions Monitoring Systems	NSPS = New Source Performance Standards
CEQA = California Environmental Quality Act	NSR = New Source Review
CE-CERT = College of Engineering-Center for Environmental Research and Technology	PAMS = Photochemical Assessment Monitoring Stations
CNG = Compressed Natural Gas	PAR = Proposed Amended Rule
CO = Carbon Monoxide	PM₁₀ = Particulate Matter ≤ 10 microns
CTG = Control Techniques Guideline	PM_{2.5} = Particulate Matter ≤ 2.5 microns
DERA = Diesel Emissions Reduction Act	PR = Proposed Rule
EV = Electric Vehicle	RFP = Request for Proposals
FY = Fiscal Year	RFQ = Request for Quotations
GHG = Greenhouse Gas	SCAG = Southern California Association of Governments
HRA = Health Risk Assessment	SIP = State Implementation Plan
IAIC = Interagency AQMP Implementation Committee	SO_x = Oxides of Sulfur
IGA = Intergovernmental Affairs	SULEV = Super Ultra Low Emission Vehicle
LEV = Low Emission Vehicle	TCM = Transportation Control Measure
LNG = Liquefied Natural Gas	ULEV = Ultra Low Emission Vehicle
MATES = Multiple Air Toxics Exposure Study	U.S. EPA = United States Environmental Protection Agency
MOU = Memorandum of Understanding	VMT = Vehicle Miles Traveled
MSERCs = Mobile Source Emission Reduction Credits	VOC = Volatile Organic Compound
MSRC = Mobile Source (Air Pollution Reduction) Review Committee	ZEV = Zero Emission