Altadena Coalition of Neighborhood Associations (ACONA)

Let's keep Altadena
"The best neighborhood in LA
County"!
May 26 2020

Agenda for Tonight's Meeting 7:00 PM – 8:30 PM

- 7:00 PM 7:02 PM Quick introductions and welcome
- 7:02 PM 7:22 PM Leaf Blowers
 - Michael Cacciotti Board Member South Coast Air Quality Management District (SCAQMD)
 - Dan Mabe- Founder CEO & President AGZA American Green Zone Alliance
- 7:22PM 7:42 PM Altadena Library Update & Resources
 - Nikki Winslow Library District Director | Altadena Library District
- 7:42 PM 8:00 PM Cyber Crime and Social Media
 - Deb Halberstadt Altadena Sheriff Volunteer
- 8:00 PM 8:30 PM Q&A
- 8:30 PM Meeting end

Your ACONA Team

- Elliot Gold
 - Nina Ehlig
 - Melody Comfort
 - Ellen Walton
 - -Captain Marjory Jacobs

- Holly Rundberg
- Carlotta Martin
- Sussy Nemer
 - Diane Marcussen

7:02 PM - 7:22 PM Leaf Blowers

- Michael Cacciotti Board Member South Coast Air Quality Management District (SCAQMD)
- Dan Mabe- Founder CEO & President AGZA
 American Green Zone Alliance

Air Quality Update for Altadena Coalition of Neighborhood associations

May 26, 2020



Michael Cacciotti

South Coast Air Quality Management District
Governing Board Member & Councilmember, South Pasadena
Representing the Cities of Los Angeles County, Eastern Region

South Coast AQMD

1970s -- Formed to Meet Federal & State Health Standards for Air Pollution



Congressman Jerry Lewis - R (CA-41) appeals for clean air on January 8, 1970; as an Assemblyman with a petition of more than 140,000 Inland Empire signatures. Lewis on the left and Lieutenant Governor Ed Reinecke on the right are joined by other members of the California Legislature in a joint effort to reduce air pollution.

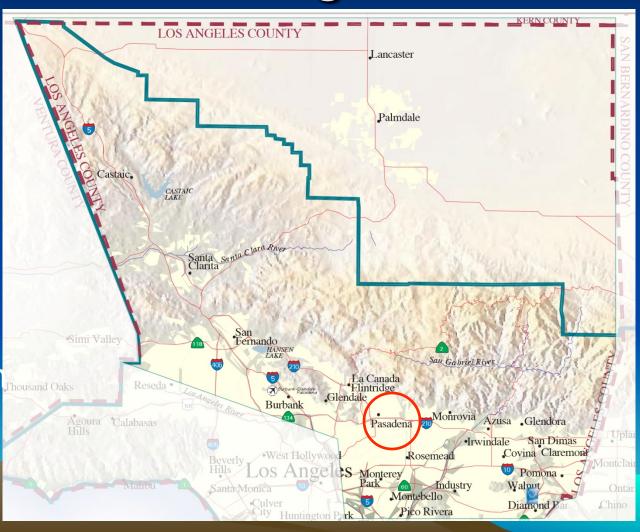




- Covers over 10,000 square miles
- Over 17 million residents nearly half the state's population
- Over 12 million vehicles on our roads
- Nation's largest cargo gateway through Ports of Los Angeles and Long Beach which extends throughout the region via freeways and rail lines

South Coast AQMD Air Monitoring

Ambient air quality continuously monitored at 42 locations throughout the four-county area. Monitor located in Pasadena.







Sources of air pollution

Examples:

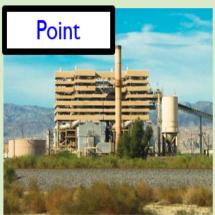
- Boilers
- Heaters
- · Paints and coatings

Stationary



Examples:

- Power plants
- Industrial processes



Mobile



Examples:

- Trains
- Forklifts
- Tractors

<u>Examples:</u>

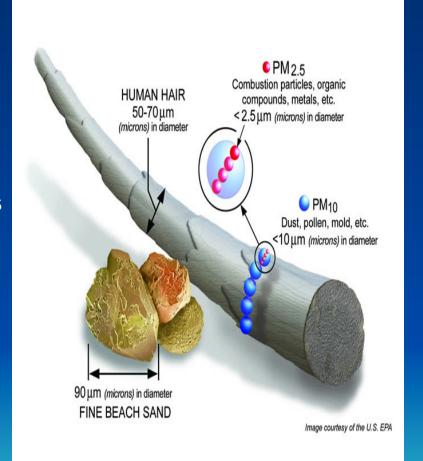
- Cars
- Buses
- Trucks



Key Air Pollutants

- Particulates (PM₁₀ & PM_{2.5})
 - Form from emissions of nitrogen oxides, sulfur oxides, and direct particulates
- Ozone ("Smog")
 - Forms from emissions of nitrogen oxides and hydrocarbons
- Air Toxics

 (e.g. Diesel Exhaust)
 - Greatest impacts near highways, railyards, ports



Health Impacts



Adverse Impacts on Children - Low Birth Weight, Lung Growth, Asthma

Increased Cancer Risk

Respiratory Diseases

Heart Disease & Heart Attacks

Annual Health Impacts of PM 2.5 Particulate Pollution in South Coast Basin

4,000+ premature deaths per year*

Other annual health impacts

980,000 lost work days

2,400 hospitalizations

140,000 asthma & lower respiratory symptoms



Commercial Electric Lawn and Garden Equipment Incentive & Exchange Program

Six participating manufacturers:

- Echo
- Husqvarna Group
- Makita U.S.A.
- Mean Green Products
- Oregon
- Pacific STIHL

Example: STIHL leaf blower with backpack battery and a charger MSRP = \$1,390
Discounted price = \$1,080
Participant cost = \$540
South Coast AQMD incentive = \$540



Mean Green standon zero turn mower



Makita chainsaw with batteries and charger



Husqvarna robotic lawn mower



STIHL leaf blower with backpack

Residential Electric Lawn Mower Rebate Program



Year-round Program

www.aqmd.gov/lawnmower

888-425-6247

Residential EV Charger Incentive Program







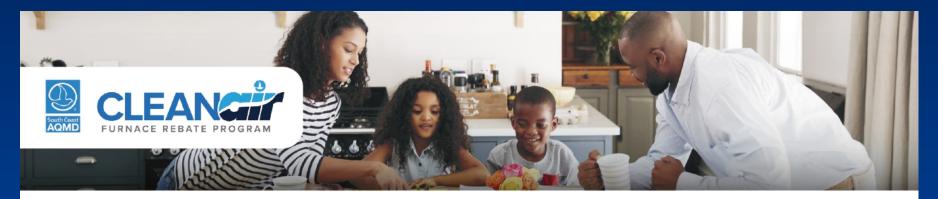


Governor's
Zero Emission
Vehicle Action
Plan calls
for 1.5 million
ZEVs by 2025.
Encourage
Level 2
charging and
more electric
vehicle miles
traveled.

Residential Level 2 Charger costs range from approx. \$470 to \$800. Residents
eligible for
\$250 toward
Level 2
charger.
Low-income
residents
eligible for
additional
\$250.
Application will
validate
eligiblility.

Three-year commitment.
Electronic application process being set up. Signup at http://www.aqmd.gov/sign-up

Furnace Rebate Program



WEATHER'S HEATING UP: HELP REDUCE AIR POLLUTANTS OUTDOORS AND BREATHE CLEANER AIR

Installing New AC This Summer? Add an Ultra-Low NOx CLEANair Furnace & Get a Rebate Up to \$500

Reduce air pollutants like nitrogen oxides (NOx) in your home and community. If you're installing AC this spring or summer, there's never been a better time to add an ultra-low NOx CLEANair Furnace – for a limited time, the South Coast AQMD is offering a rebate of up to \$500 when you do.

IT'S AS EASY AS ...



1. PURCHASE AND INSTALL

Your new ultra-low NOx furnace while rebate program funds last.



2. APPLY FOR YOUR REBATE

You can apply for your rebate at CleanAirFurnaceRebate.com.



3. START BREATHING CLEANER AIR

You can do your share to reduce the air pollutants you add to the community and receive cash back.

VISIT CLEANAIRFURNACEREBATE.COM TO LEARN MORE

Volkswagen Settlement (2019)

Environmental Mitigation Trust \$423 million for California -- CARB will serve as lead agency

Beneficiary Mitigation Plan -- 5 eligible mitigation actions

Available Now - 1st Come, 1st Served

Closed on 3/4/2020

Volkswagen Settlement (2019)

Project Category	Technology	Allocation (millions)
Zero-Emission Transit, School and Shuttle Buses	Battery electric or fuel cell	\$130
Zero-Emission Class 8 Freight and Port Drayage Trucks	Battery electric or fuel cell	\$90
Zero-Emission Freight and Marine Projects (airport GSE, forklifts, port cargo handling equipment, shore power at port terminals)	Battery electric or fuel cell	\$70
Combustion Freight and Marine Projects (waste haulers, dump trucks, concrete mixers, switcher locomotives, ferries, tug boats)	Low NOx engine, Tier 4, or Tier 4 equivalent	\$60
Light-Duty Zero-Emission Vehicle Infrastructure	Electric charger or hydrogen fueling station	\$10
CARB Reserve		\$63
Closed on 3/4/2020	Total:	\$423

South Coast AQMD Incentive Programs

CARL MOYER PROGRAM

- Trucks
- Transit buses
- Refuse trucks
- Public agency/utility vehic
- Emergency vehicles
- Construction/Ag
- Marine Vessels
- Shore Power
- Locomotives

Cardo Handling

- 1998 Present
- \$467 Million
- 6,708 vehicles
- **Emissions Reduced (tpy):** NOx: 7,598 PM: 222



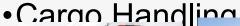






PROP 1B

- Trucks & TRU
- Locomotives
- Shore Power













- 2009 Present
- \$485 Million
- >7,300 vehicles
- **Emissions Reduced (tpy):** NOx: 7,086 PM: 220



South Coast AQMD's Main Incentive Programs

REPLACE YOUR RIDE

- Light-Duty Vehicles
- Alternative Mobility Options (transit passes, Uber, Lyft)
- Electric vehicle chargers

www.ReplaceYourRide.com





- 2015 Present
- \$24 Million
- 3,100 vehicles
- Emissions Reduced (tpy):
 NOx: 29 HC: 67 CO: 8,031

LOWER EMISSION SCHOOL BUS PROGRAM

- School buses
- Infrastructure
- CNG tank replacements





- 2001 Present
- \$280 Million
- 5,000 vehicles
- Emissions Reduced (tpy):

NOx: 219 PM: 25







DO ONE THING FOR CLEAN AIR

SOUTH COAST AQMD'S MOBILE APP

A ONE-STOP APP FOR

- Real-time Air Quality Alerts Report a Compliant
- **Alternative Fuel Locations**
- Weather



■ Visit Our Website: www.aqmd.gov/mobileapp

POINT YOUR CAMERA HERE

AQMD Visit the App Store



Contact Us

Ways to Stay Connected

Michael Cacciotti,
South Coast AQMD
Governing Board Member
& Councilmember,
South Pasadena
THANK YOU





Facebook



SCAQMD YouTube Channel



Instagram @SouthCoastAQMD





AGZA: The American Green Zone Alliance

Who AGZA is a leader in zero-emission sustainable grounds maintenance strategies.



Mission

Transition the grounds maintenance industry to quieter, zero-emission electric operations and sustainable practices

Applications

Commercial crews who service municipalities, schools, sports complexes, commercial and residential properties



AGZA Programs



1. AGZA Green Zone® Certification

Property transition



2. AGZA Service Professional Accreditation

 Crew transition: education, training, accreditation, marketing advantage

3. Other AGZA Initiatives

Exchanges, workshops, presentations, etc.





Leaf Blower Bans & Ordinances: Sweeping the Country





VIDEO: CO2 Emissions from a Commercial Gas Leaf Blower

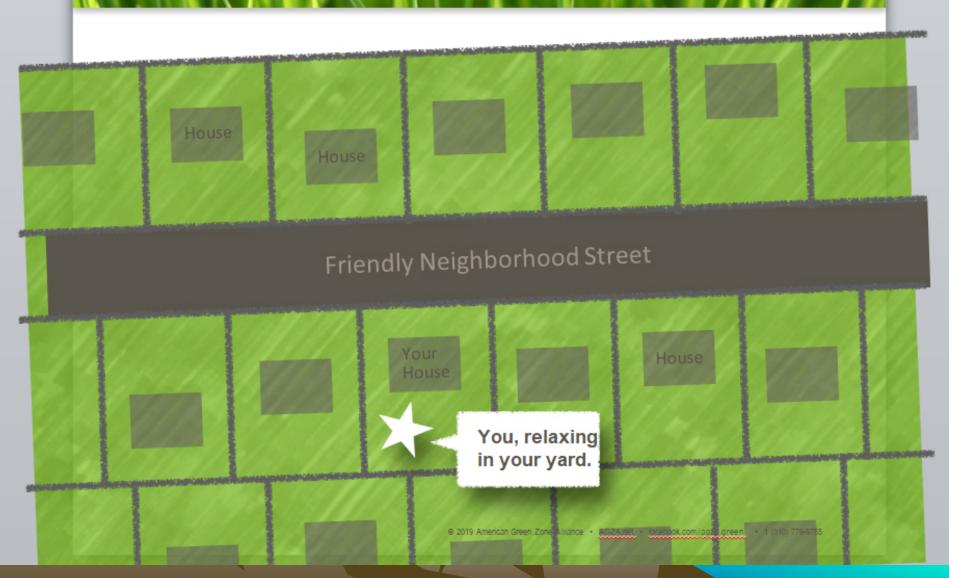
https://www.youtube.com/watch? v=S9Lg06pKwzQ



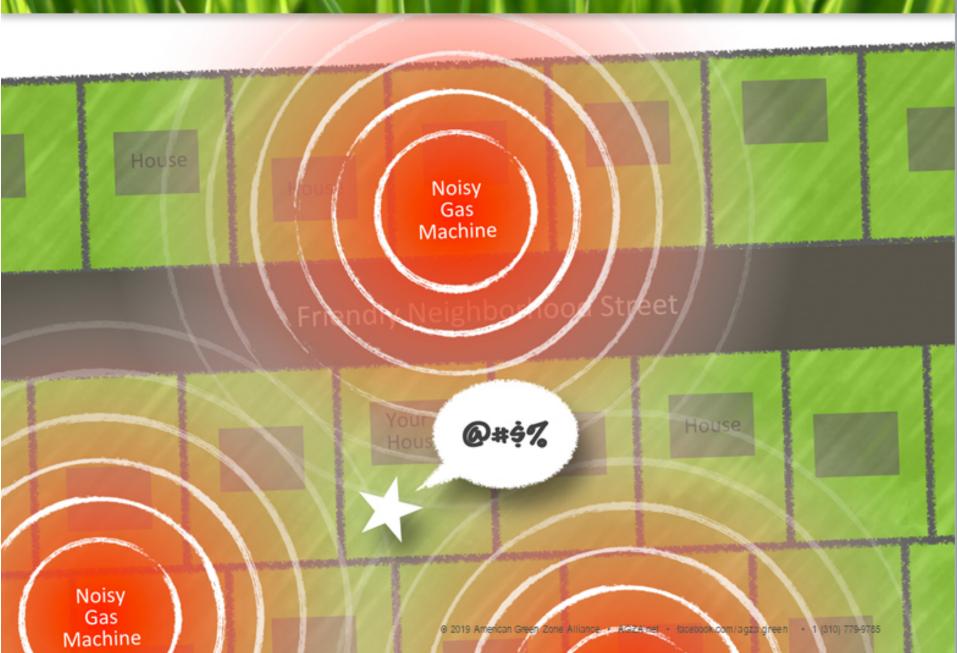
VIDEO: Extreme Noise on Campus (30 sec)

https://www.youtube.com/watch? v=RmNnPD6KnsY





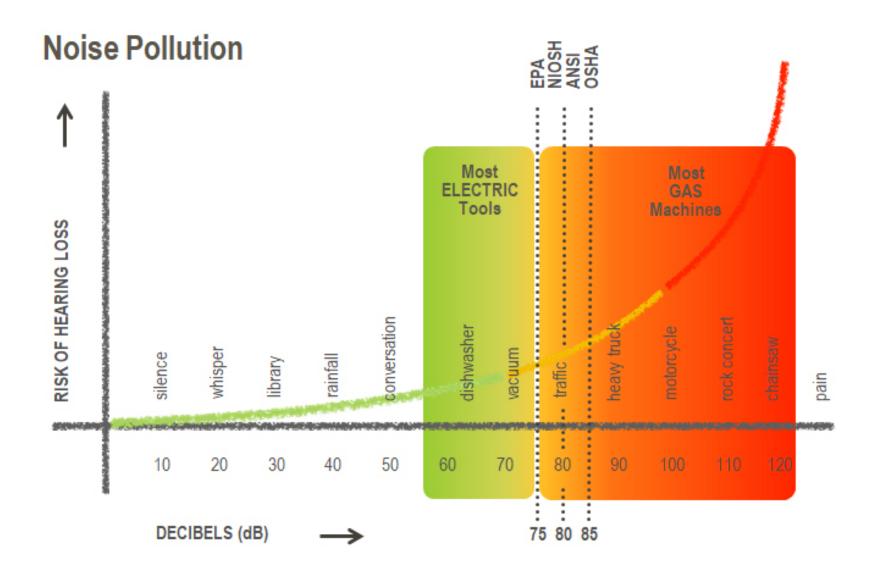














Ten Worst Impacts of Gas Operations

EMISSIONS



Poisonous, toxic gasses, GHGs, carcinogenic PM

HEALTH RISKS



Asthma, heart disease, hypertension, cancer

NOISE



Tinnitis, hearing loss, headaches, stress, irritation

VIRBRATION



Tingling, numbness, hand-arm vibration syndrome

GAS & OIL



1.2 billion gallons burned,17 million spilled every year

TOXIC WASTE



Cans + rags of oil, cleaners, solvents, and degreasers

SOLID WASTE



Air & fuel filters, spark plugs, hoses, belts

INEFFICIENT



High friction and heat, only 20% -40% efficiency

MAINTENANCE



Frequent maintenance and parts replacement

EXPENSE



High operational cost of fuel, oil, and repairs



Addressing Worker Health

HEALTH RISKS



NOISE



VIRBRATION







EMISSIONS



GAS & OIL

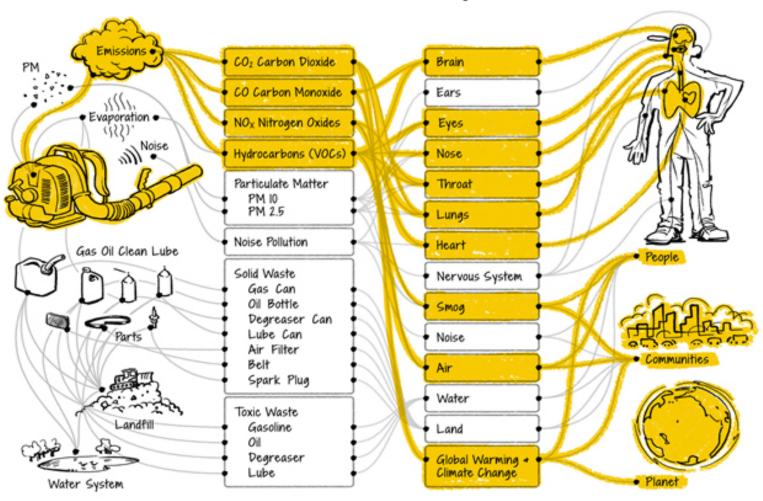


TOXIC WASTE





Sources → Pollutants → Impacts → Affected





Investigative Journalism: "Noisy, But That's Not All"



Machine	Ave. Particles Per Cubic Centimeter	Times Higher Than Busy Intersection
Redmax EBZ8050 leaf blower	315,565	53.5
Redmax 2601 leaf blower	280,442	47.6
Stihl BR 450 C leaf blower	251,181	42.6
Stihl BR 700 leaf blower	159,178	27
Stihl BG 86 leaf blower	125,956	21.4
Stihl BR 430 leaf blower	118,360	20.1
Kawasaki FJ180V 26" lawn mower	90,670	15.4
Stihl FC 70 hedge trimmer	57,126	9.69
Kawasaki FJ180V 19" lawn mower	5,542	0.94
Busy nearby intersection	5,897	NA

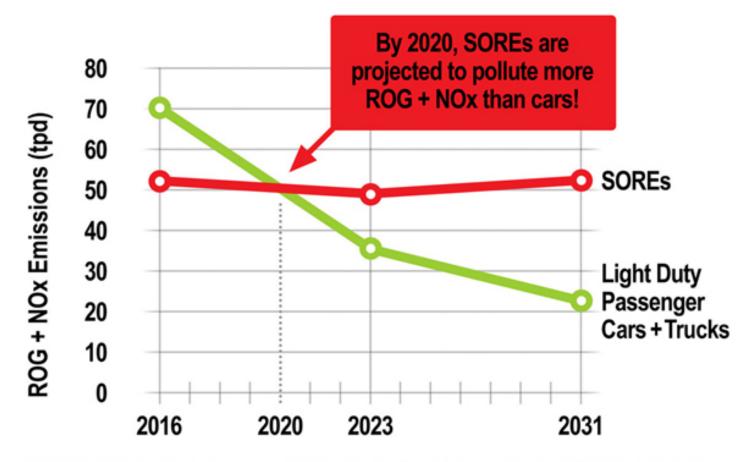


Data source: Health Science Associates report commissioned by Fair Warning.

PHOTO: Quentin Lueningheoner



CARB Study: Smog-forming Emissions of SOREs vs Cars



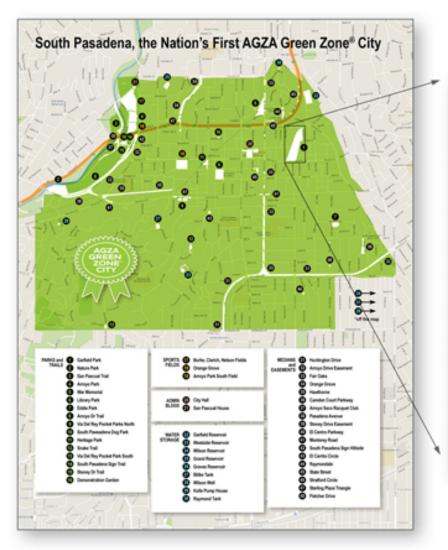
SORE = Small Off-Road Engine (eg lawn mower). ROG = Reactive Organic Compounds (eg VOCs). Data from CARB 2017.





South Pasadena: The Nation's First AGZA Green Zone City





Mapping and Metrics







South Pasadena: Health, Environmental & Operational Impact Report

Environment

59 tons / yr Total Pollutants

1,656 lbs / yr Hydrocarbons

255 lbs / yr Toxic Waste

45 tons / yr Carbon Dioxide

281 lbs / yr Particulate Matter

> 185 lbs / yr Solid Waste

13 tons / yr Carbon Monoxide

376 lbs / yr Nitrogen Oxides

> 40%-70% Quieter

Property

79 acres Total Property

1.7 acre Hedge Trimming

48 acres Turf Mowing

16,000 sq ft Hand Raking

30 acres Hardscape Blowing

> 13.5 miles Edging

Operations

1,900 gal/yr Gas + Oil

\$11,500 / yr Gas + Oil

\$6,300 / yr Maintenance

Zero Carcinogenic Smoke

Health

Zero Hydrocarbon PM

Zero Poisonous VOCs

Much Less Machine Vibration

Zero Toxic Spills

40% - 70% Less Machine Noise



Garfield Park: The Nation's First AGZA Green Zone Municipal Park







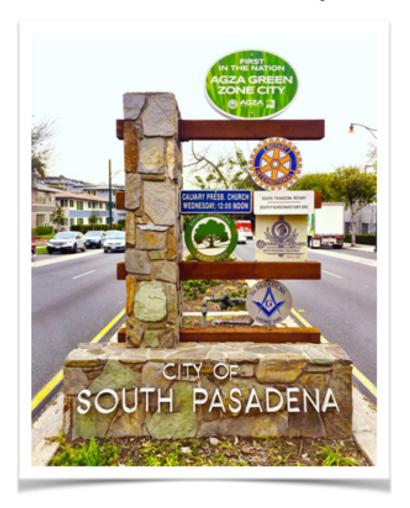




South Pasadena: The Nation's First AGZA Green Zone City











Perception: Look at the Equipment Don't Demonizing the Worker















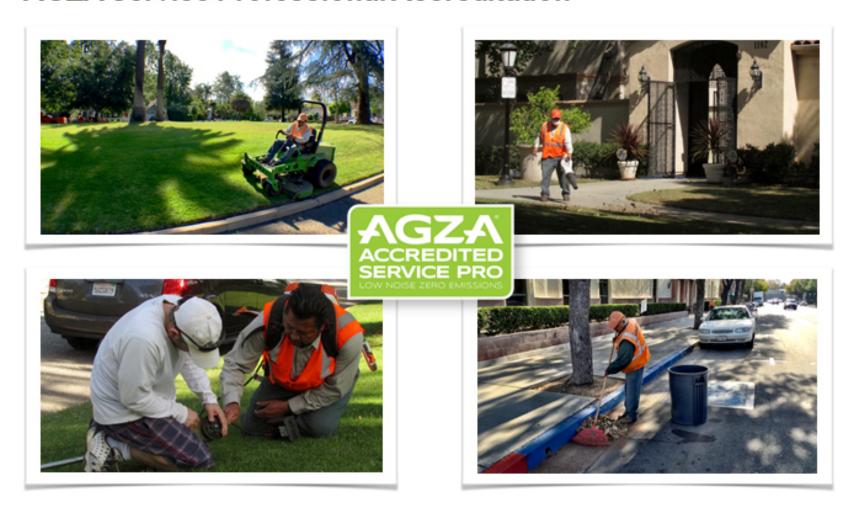


Kicking gas!

















AQMD Exchange: Six Participating Commercial Manufacturers





SCAQMD Exchange Pricing: Handheld Tools









Save up to 75% with an equivalent gas trade-in.

Visit SCAQMD booth for details.



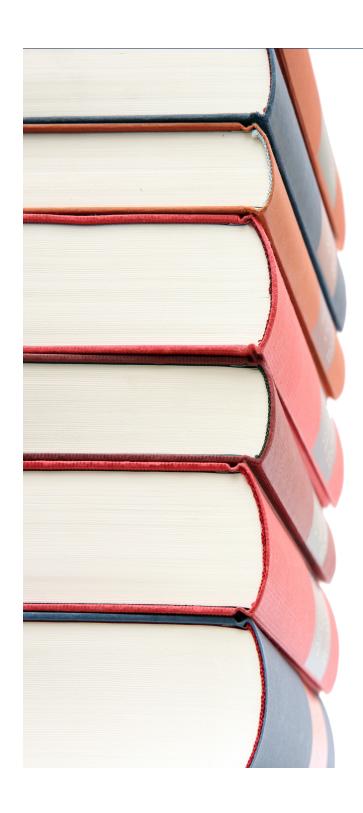
Gas-for-Electric Equipment Exchanges



Thank you!

Michael Cacciotti – Board Member South Coast Air Quality Management District (SCAQMD) macacciotti@yahoo.com

Dan Mabe- Founder CEO & President AGZA American
Green Zone Alliance
DJMabe@AGZA.net





LIBRARY UPDATE

DURING COVID-19 PANDEMIC





building closures open new doors

DIGITAL & MODIFIED SERVICES



Building Closures

To combat the spread of novel coronavirus COVID-19 and protect library staff and the community, the Altadena Library District has closed both its Main Library and Bob Lucas Memorial Branch buildings to the public until at least June 1, 2020. All **in-person** library programs and outreach efforts are canceled through the summer.

Virtual Summer Reading programs will continue starting in June! More information later in this presentation...



Curiosity Connection Curbside!

While we hope you have enjoyed all our digital offerings, we know nothing can spark curiosity and wonder like reading a physical book! Curbside pickup at the Main Library launches **Thursday**, **May 21**.

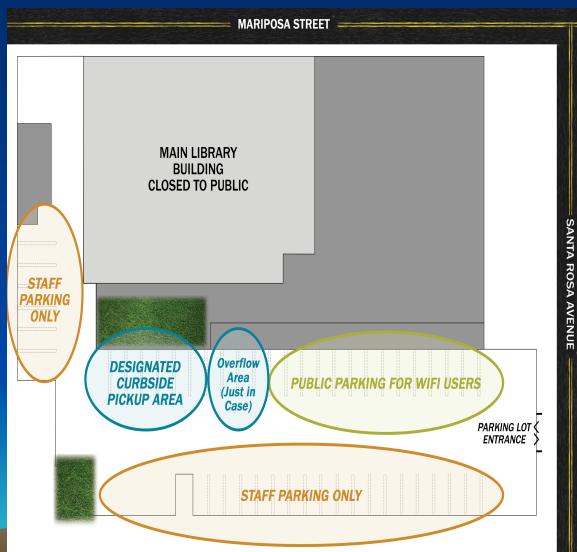
- **Phone in your order:** Curbside pickup orders are accepted only over the phone at (626) 798-0833 on Monday-Saturday 10am-4pm
- **Pick up next day:** Pickup occurs in Main Library parking lot at least one business day after order is placed; pickup procedure is socially distanced and contactless



Details: www.altadenalibrary.org/curbside



Curiosity Connection Curbside!



Curbside pickup area is along grass on northwest side of Main Library parking lot. Each space will have a table adjacent to place/ pickup orders.

Drive-in Wi-fi access is also available during business hours along northeast wall in Main Library parking lot.



Digital Library Open 24/7

We are excited to share a wide variety of resources to educate, inspire and entertain during your time at home:

- •hoopla 700,000 items in the hoopla catalog, from movies, to music, to e-audiobooks, to comics
- •cloudLibrary 140,000 titles available as ebooks and e-audiobooks
- •Brainfuse Have you become your child's teacher overnight? Are you stumped by some of the math or science questions? Have your child use the "Homework Help" feature of brainfuse to get live tutoring everyday from 1pm-10pm. They can help students from Kindergarten throug
- •Tumblebooks online collection of pictures books with animation, sounds, music, and narration

Find all this and more at www.altadenalibrary.org/saferathome!



Live Chat & Phone Reference

If you have any questions about library resources available during the buildings' closure, library staff is available for:

- •Live chat on our website at www.altadenalibrary.org
- •Reference questions on the phone at (626) 798-0833

Monday through Saturday, 10:00am to 6:00pm



Virtual Events

Friends of the Altadena Library Annual Meeting Saturday, June 6 at 1:00 pm

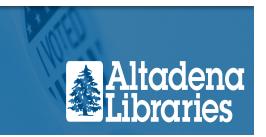
Following the annual Friends board elections and presentation of the annual donation to the library, author Tim DeRoche and retired State Senator Gloria Romero will discuss Tim's new book A Fine Line: How Most American Kids Are Kept Out of the Best Public Schools, which looks at the parallels between school districting policies and old redlining practices. They will also discuss how the resulting inequities are impacting kids' education during the current health crisis.





special opportunity to make an impact in community

BOARD VACANCY & ELECTION



Board Vacancy

- Trustee Gwen McMullins has resigned from the Library Board of Trustees effective June 1, 2020 after many years of dedicated service!
- The Board of Trustees is accepting applications who would like to serve on the board for her unexpired 2020 term (until the first Friday in December 2020). Applicants must be:
 - At least 18 years old
 - Resident of Altadena
 - Registered to vote in Altadena
- Spread the word! Deadline for application is June 12, 5:00pm
- Learn more: www.altadenalibrary.org/june2020boardvacancy



Board Election

- Three seats on the Board will be open in the November 2020 election – the filing period for candidates opens July 13 with a filing deadline of August 7, 2020.
- Interested candidates can find more information at www.altadenalibrary.org/boardelection
 - California Fair Political Practices Commission (FPPC) also offers many helpful resources!





innovative virtual summer experiences for all ages

SUMMER READING





Where can your mind transport you? What stories can you create? This summer, the Altadena Libraries invite you to "Imagine Your Story" and connect with community through your local libraries over stories you love and engaging virtual events and programs, with options for all ages!

Launching June 6 through August 1







Early Literacy (Ages 0-5)

Our youngest readers will enjoy virtual story times and engaging online performances!



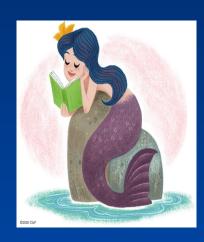
Elementary (Grades K-5)

Elementary students
will enjoy a variety
virtual educational
and craft activities
from home



Teens (Grades 6-12)

Teens will focus in on civic engagement, plugging into local democratic processes and making a difference in their community



Adults (Ages 18+)

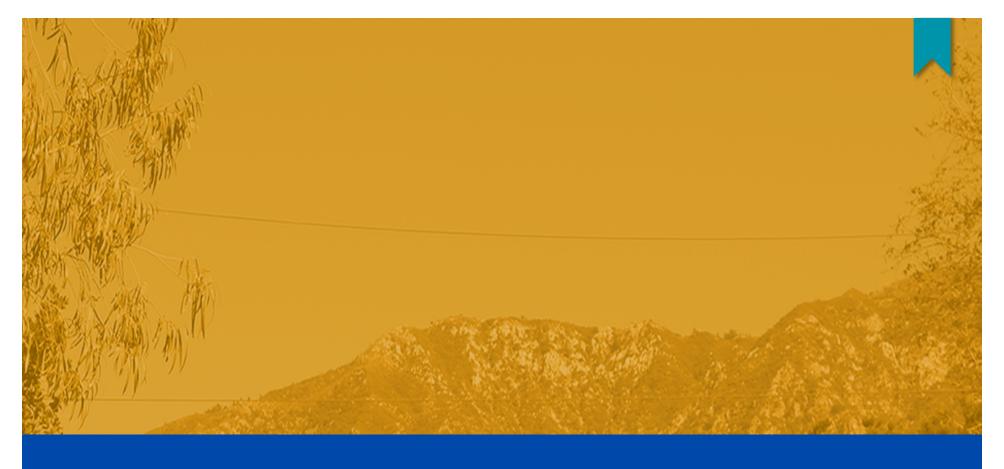
Adults will enjoy stimulating virtual activities and videos all safe at home!





- Programs feature entries to age-friendly prize drawings upon registration and completion of 10 activities
- Registrants in each age group get to pick up a take-home
 Summer Reading kit with 1-3 free books and themed materials to enrich your experience
 - Pickup will be socially distanced and safe for library staff and community members
- Learn more and pre-register at www.altadenalibrary.org/summer





centralizing local news during the crisis and beyond

ALTADENA CONNECTIONS



Altadena Connections



Throughout the COVID-19 outbreak and beyond, the Altadena Libraries are working with community partners to help centralize the spread of hyper-local Altadena news through regular news emails and www.AltadenaNews.org



Altadena Connections

How You Can Help:

- •Email news updates from your organization or group to news@altadenalibrary.org, add us to your email subscription list, or leave a voicemail tip at (626) 798-0833, extension 126.
- •Announce the initiative's website www.altadenanews.org to your email list/social media followers, tagging #AltadenaNews. (We have graphics for social media and email to make it easy for you!)
- •Join our network and share our future posts with your audience as they become available!





planning for reopening & service modifications

LOOKING TO THE FUTURE



Phased Reopening

The District's Emergency Action and Safety Team is finalizing a phased reopening plan for both buildings, that will likely begin with staff coming in before an official public reopening, once Safer at Home Orders are lifted.

Some of the phases in the plan include options like:

- •Modifying space planning in the library to make everyone safely socially distanced
- Limiting public use to transactions only
- •Incorporating protective equipment for both public and staff (ie. Sneeze guards, etc.) following guidelines from public health officials when the time comes to reopen



Considerations

The safety of the public and library staff are of the utmost importance.

Any services offered once Safer at Home Orders are lifted will take the following into consideration:

- How to safely allow staff to interact with the public to provide face-to-face service
- How to internally process books and materials in a way that limits staff from contact with potentially infected surfaces
- How to prepare both staff and the public for potential rolling Safer at Home orders that may occur in the future if the virus

flares up again after reopening





representation and funding is more important than ever

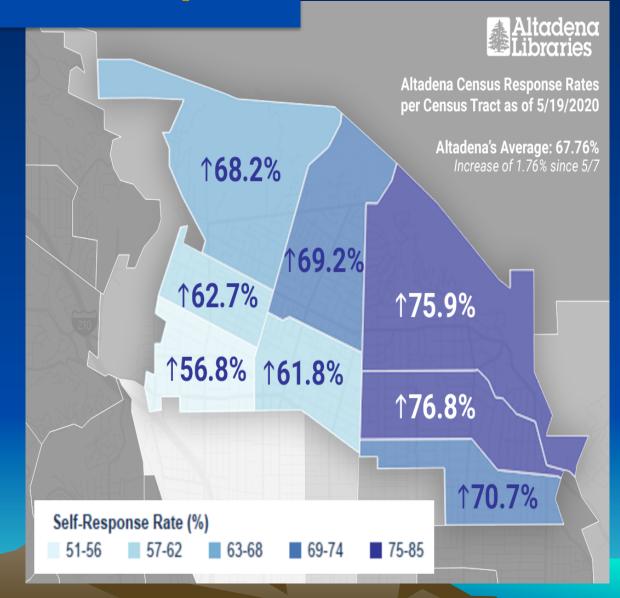
2020 CENSUS



Response Rates Update

Approximately 67.76% of Altadena households have responded (as of 5/19).

That's higher than the national response rate of 59.6%, but we still have a ways to go



Submit Your Response

The Altadena Libraries continue to promote the importance of filling out the Census to the community through our e-blasts, website and social media efforts.

If you haven't filled it out yet, please go to my2020census.gov to fill it out.

Your response matters. Altadena counts!

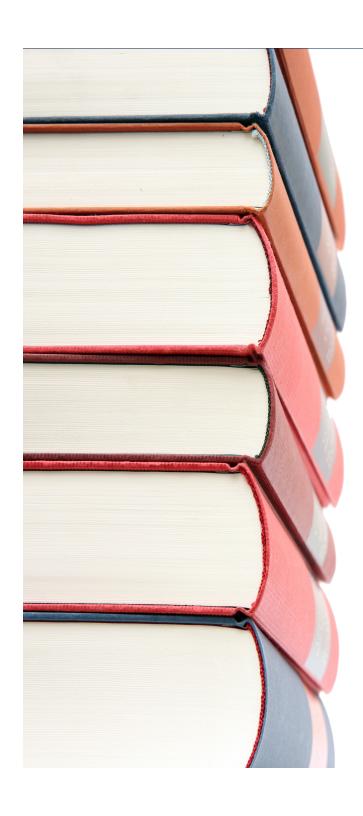


Census Impact

Your response matters.

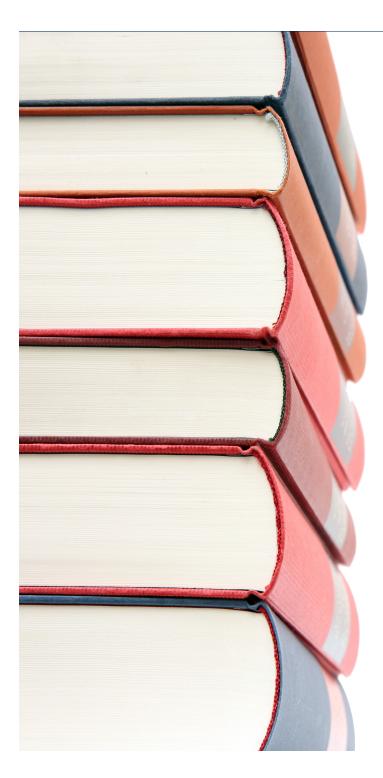
- •Census results help determine how billions of dollars in federal funding flow into states and communities each year.
- •The results determine how many seats in Congress each state gets.
- •It's mandated by the U.S. Constitution in Article 1, Section 2: The U.S. has counted its population every 10 years since 1790





"Libraries store the energy that fuels imagination. They open up windows to the world and inspire us to explore and achieve, and contribute to improving our quality of life. Libraries change lives for the better."

- Sidney Sheldon -





THANK YOU!

We bring PEOPLE + IDEAS together for an Altadena where all are learning, growing, and thriving together

Nikki Winslow, District Director nwinslow@altadenalibrary.org

LASD SAFETY TIPS FOR PARENTS AND CHILDREN RE: SOCIAL MEDIA TRENDS

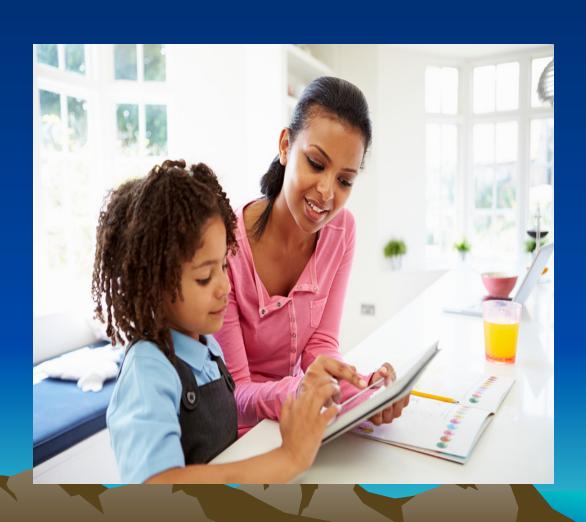
Deb Halberstadt Altadena Sheriff Volunteer



6 of More than a 100 Social Media Icons



Open Lines of Communication with Your Children



Talk to the Kids about On Line Predators



Have Access to and Inspect Child's Phone



Links for more Advice

- https://sos.fbi.gov/
- https://staysafeonline.org/
- https://www.stopbullying.gov/
- https://www.us-cert.gov/ncas/tips
- https://www.dare.org
- http://www.kidpower.org

QUESTIONS?

Schedule for remaining ACONA Meetings 2020

September 22nd (Tuesday)
November 18th (Wednesday)

Thank you! Questions?