



**SCAQMD**

*Cleaning  
the air  
that we  
breathe...*

# ADVISOR

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## New Zero-Emission Freight Transportation Project To Be Built

**A**t its April meeting, the South Coast Air Quality Management District (SCAQMD) Governing Board approved spending \$16 million to construct a zero-emission goods movement system demonstration project near the Ports of Los Angeles and Long Beach.

The project involves constructing an electrified catenary system along a one-mile route that will provide power to several Class 8 big rig trucks. Each truck will be fitted with a pantograph device on its roof (similar to some light rail or electric bus systems) to pick up power from the catenary system's overhead wires.

SCAQMD will work with two key partners on this project. Siemens Industry Inc. will build and operate the catenary system and demonstrate a hybrid diesel-electric truck, while Poway, CA-based TransPower will develop and demonstrate a hybrid CNG-electric truck and a battery-electric truck.

These heavy duty class 8 trucks will be used to transport freight cargo to and from the port complex.

The project is designed to promote the implementation of zero-emission goods movement technologies, and to demonstrate the most viable technology to be adopted for a future, regional zero-emissions corridor. Although this project is for a one-mile demonstration, the potential next phase is to build out the remaining five-mile route from the ports to the near-dock rail yard. Subsequent phases would utilize the same or similar technology for the proposed expansion of the 710 Freeway and an east-west trade corridor for containers going to warehouses in the Inland Empire.

*For more information, contact Joseph Impullitti at [jimpullitti@aqmd.gov](mailto:jimpullitti@aqmd.gov) or at (909) 396-2025*



## New EV Charging Stations Available To "Plug In For Clean Air"

**I**n January 2012, SCAQMD awarded nearly \$12.5 million to fund eight renewable energy projects, which are largely focused on clean transportation options. The projects are now coming online, and some will soon be ready to charge your plug-in hybrid or battery electric powered vehicle.

The amount of electricity created by these varied projects, from Santa Monica to Perris, could power approximately 5,000 homes. Each project uses new and existing technologies, producing zero and near-zero emissions and displacing more than 11 megawatts (MW) of fossil fuel power plant emissions from the Southland's air.

To find these EV charging stations, and other locations coming online every day, use the SCAQMD smart phone app, available for the Apple iOS

*continued on page 5 ➡*



## New Electric & Plug-In Hybrid Vehicles Now Available On The Market

**A**n increasing number of Southern California drivers are moving from gasoline fueled vehicles to cleaner plug-in hybrid electric vehicles (PHVs) and all electric vehicles (EVs).

PHVs, like the Chevy Volt, the Toyota Plug-In Prius, and the Ford C-Max Energi Plug-in, are already on the road. Though they do not need to be regularly charged (as they have a gasoline-powered engine), they can be charged for better mileage. Models are EPA rated anywhere from 95 to 108 miles per gallon equivalent (MPGe).

*continued on page 5 ➡*



# Bike-To-Work Day At SCAQMD



Each year in May SCAQMD staff members look forward to the annual Bike to Work Day which encourages commuters to ride their bicycles as a zero-emission alternative to driving. The event was held this year on May 15th and drew 30 SCAQMD bicyclists, the largest number of participants to date. Most biked from nearby communities, but some participants rode longer distances including from as far away as Long Beach.

## Monthly Tours of SCAQMD To Showcase Air Quality Technology

SCAQMD "Take a Tour Day" was officially launched last month giving the public the opportunity to visit one of the nation's premier air management facilities. The tours of the Diamond Bar headquarters, held on the last Friday of each month, will feature a visit to SCAQMD's state-of-the-art laboratory to see the technology behind the agency's efforts to monitor and improve air quality in the Southland.

Experienced staff provide educational presentations and lead the informational tours for schools, community groups and civic organizations.

During "SCAQMD Take a Tour Day" individuals and groups can choose either the 9:30 a.m. or the 1:30 p.m. tour. Each tour lasts two hours. Since space is limited, reservations should be made at least two weeks in advance. Private tours on other days can be accommodated based upon staff availability.

The tours will also include a showing of SCAQMD's signature film "The Right to Breathe," a discussion about the latest in clean car technology, and based upon availability of vehicles and staff, may include rides in alternative fuel vehicles.

*To sign up for a tour, email [speakersvisitors@aqmd.gov](mailto:speakersvisitors@aqmd.gov) or call (909) 396-2432*



## Miyasato Named To Lead Science And Technology Advancement Efforts



*Dr. Matt Miyasato*

Recently, the SCAQMD named Dr. Matt Miyasato as Deputy Executive Officer for Science & Technology Advancement (STA). An 11-year veteran of the agency, he succeeds Dr. Chung Liu, who recently retired after serving in that post since April 1996.

Miyasato, who earned a Ph.D in Engineering from UC Irvine, specializing in combustion technologies and air pollution controls, previously served as Assistant Deputy Executive Officer for the Technology Advancement Office. In that role, he led the groups responsible for research, development, demonstration and deployment of clean, advanced technologies for both mobile and stationary sources. Prior to joining SCAQMD, he worked in the Nuclear Engineering Department at Southern California Edison and at General Electric, where he designed burners and combustion modifications for utility boilers.

As the DEO, Miyasato's main focus is to identify, evaluate and stimulate development and commercialization of clean air technologies. His purview also requires him to develop and coordinate mobile source regulations, and to conduct ambient monitoring, source testing and laboratory analysis.

Miyasato said he is "super excited as well as humbled" to have been selected to fill his new role. "I acknowledge the huge shoes I have to fill, following Dr. Liu and before him Dr. Alan Lloyd, but I fully intend to maintain and hopefully expand our leadership and impact in all of the STA areas: mobile sources, monitoring, analysis, technology development and incentives."

He added that "We've got an awesome leadership team with Henry Hogo, Phil Fine and Fred Minassian, so I'm confident we're going to continue bringing the best 'science and technology' to our clean air efforts for SCAQMD."

# Measures Approved to Further Reduce Pollution from Residential Wood Burning, Open Burning In The Southland

To help meet federal health standards for fine particulates by 2014, SCAQMD approved changes to its residential wood burning and open burning programs that will further reduce harmful fine particulate pollution (PM2.5) throughout the Southland during fall and winter months.

The estimated 1.2 million fireplaces and other wood-burning devices in the Southland emit an average of five tons of harmful PM2.5 emissions per day. From November through February, when wood burning is at its peak, more than 10 tons per day of PM2.5 emissions — equal to nearly seven times the amount of daily PM2.5 emitted from all of the power plants in the

Southland — is released into the air. Amendments to SCAQMD Rules 444 and 445 will reduce an estimated 7.1 tons per day of PM2.5 emissions on an average winter day.

The Rule 445 amendments will lower the current 24-hour PM2.5 forecast threshold level that triggers a mandatory no-burn day and establish wood-burning curtailments across the entire Los Angeles Basin when the new PM2.5 threshold level is forecast at certain monitoring stations. The amendments also establish labeling requirements for sellers of firewood and other wood-based fuels (such as manufactured logs), calling for labels that inform the public

of SCAQMD's Check Before You Burn program. The adopted amendments to Rule 444 limit open burning whenever a no-burn day is declared under Rule 445.

Under the former PM2.5 threshold level, one no-burn alert was issued during the 2011-12 winter season and five were issued during the 2012-13 season. The number of no-burn alerts is expected to increase to as many as 20 days per winter under the new PM2.5 threshold level when it becomes effective November 1st.

For more information on SCAQMD's Healthy Hearths initiative and the Check Before You Burn program, visit [www.healthyhearths.org](http://www.healthyhearths.org)

## Fire Season Now Underway: Take Proper Steps To Protect Your Health!

During fire season, there are measures you can take to protect your health from harmful pollutants in the air. If you are a healthy individual, the ash and smoke from wildfires can irritate your eyes and airways, cause coughing and/or a scratchy throat. They can also irritate your sinuses, cause headaches or a runny nose. In addition to short-term effects, there may be long-term effects that significantly impact your health.

While ash and smoke are visible reminders, be even more cautious of the fine particles you can't see. These invisible particles bypass our natural defense system and lodge into our lungs. They can cause irritation, and over the long term can cause decreased lung function. They can also make us more susceptible to developing diseases such as asthma, bronchitis, emphysema and possibly cancer.

Children are more sensitive to air pollution for several reasons. Their respiratory systems are still developing and they breathe more air per pound of bodyweight than adults. They are also more active outdoors, thus increasing exposure to outdoor pollutants. Seniors are also more susceptible to air pollution because they are more likely to have medical conditions such as chronic pulmonary disease, emphysema and bronchitis. High air pollution levels can worsen their health.

Here are tips you can follow to protect you and your family members from unhealthy air:

- **Stay indoors** Have children play indoors. Choose indoor options when air pollution levels are unhealthy. Check air pollution levels at [aqmd.gov](http://aqmd.gov) or via the SCAQMD smart phone app.
- **Consult a physician** If you or your child suffers from a heart or lung ailment, talk with a doctor. Call the doctor immediately if your or your child's condition worsens. Keep an adequate supply of medications on hand.
- **Reduce outdoor activity** Reducing physical activity in outdoor areas lowers the amount of polluted air your body intakes. Curtail your involvement in outdoor activities that require prolonged exposure and strenuous exercise or sports participation.
- **Keep informed** Listen to your local news and weather forecasts and sign up for air quality alerts provided by SCAQMD.

## Incentives Announced To Replace Wood Burning Stoves

Southland residents can now take advantage of \$200-\$800 incentives to convert their wood-burning fireplaces or replace a non-certified wood stove with cleaner burning alternatives.

As part of its Low-Emission Hearth Product Voucher Incentive Program, SCAQMD approved \$500,000 to fund the program to reduce particulate pollution.

Additional incentives are available for low-income households. The program will target residents living in the Jurupa Valley and surrounding areas near SCAQMD's Mira Loma air monitoring station — currently the only station in the Southland not meeting the federal 24-hour PM2.5 health-based standard.

For more information on SCAQMD's Healthy Hearths initiative and the Check Before You Burn program, visit [www.healthyhearths.org](http://www.healthyhearths.org).

**CHECK  
BEFORE YOU  
BURN**

# New Report Documents Dramatic Reductions In State's Air Pollution

The California Air Pollution Control Officers Association has released its annual air quality report for California's 35 local air districts documenting dramatic reductions in unhealthy levels of fine particulate pollution (PM2.5) and reporting air quality data in each district.

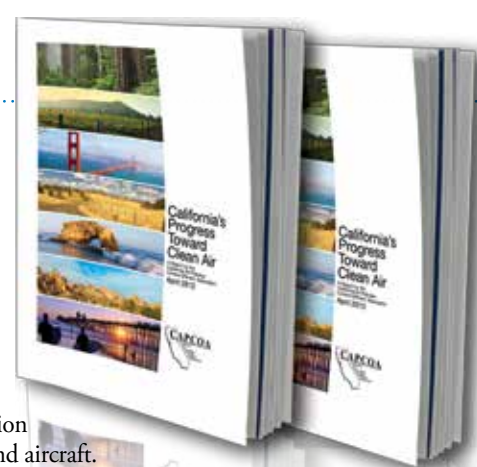
The report, titled *California's Progress Toward Clean Air*, also shows a general trend of improving air quality for ground-level ozone, although some air districts face unique challenges in reducing levels of that pollutant.

California and its individual air districts have made remarkable progress in cleaning the air during the past three decades in spite of dramatic increases in population and driving. From 1980 to 2010, the state's population increased by 65 percent and the daily miles driven by all vehicles increased by 137 percent. But thanks to a comprehensive air pollution control strategy, smog-forming pollutants were cut by 55 percent during the same period. California's largest industrial plants also cut their greenhouse gas emissions by 17 percent between 2008 and 2011.

These improvements have been realized even though the state and local air districts lack authority to regulate federally controlled sources of air pollution including ships, locomotives and aircraft.

Daunting challenges remain to reach current air quality standards, especially for the San Joaquin Valley and the South Coast Air Basin, the two most severely polluted regions in the nation. Recent studies show that pollutants can be harmful to our health at lower levels than previously thought. As a result, the U.S. Environmental Protection Agency (U.S. EPA) has revised key air quality standards to be more stringent and health-protective. Air districts and the state will have to develop measures to achieve further emission reductions from all sources including cars, trucks, businesses and consumer products.

The report can be downloaded at [capcoa.org](http://capcoa.org).



## SCAQMD Board Member Appointed to CARB Board

In May, Governor Jerry Brown appointed SCAQMD Governing Board Member Judith Mitchell to represent SCAQMD on the board of directors of the California Air Resources Board (CARB). An attorney and a member of the Rolling Hills Estates City Council since 1999, Mitchell was elected to the SCAQMD Governing Board in 2010 representing the cities in the western part of Los Angeles County. She has a long record of public service, previously serving as president of the League of California Cities and as past chair of the South Bay Cities Council of Governments. She also serves on the regional council of the Southern California Association of Governments. She will serve on the CARB board filling the position previously held by former SCAQMD Board Member and former Riverside Mayor Ron Loveridge.

## Upcoming EVENTS



The South Coast Air Quality Management District regularly provides air quality information at community events to help inform the public about air quality and the things people can do to make a difference throughout the region. Some of these upcoming events include:

### South Pasadena Sustainable Summer Concert

Sunday, July 7, 2013  
4:00 PM – 7:00 PM  
Garfield Park, South Pasadena

### Santa Monica Chamber Well Being Festival 2013

Saturday, July 27, 2013  
12:00 PM – 5:00 PM  
Santa Monica Third Street Promenade

### 18th Annual Central Avenue Jazz Festival

Saturday, July 27 – 28, 2013  
Central Avenue at 42nd Street, South Los Angeles

### Chino Corn Feed Run

Saturday, August 24, 2013  
Chino City Hall  
8:00 AM – 3:00 PM

### Rancho Cucamonga Senior Health Fair

Friday, September 27, 2013  
9:00 AM – 1:00 PM  
James Brulte Senior Center, Rancho Cucamonga

## Paying Your SCAQMD Fees Is Now Just A Click Away



**SCAQMD now allows online payments with e-checks or most major credit cards.**

Simply go to [aqmd.gov](http://aqmd.gov) and click on the "Online Payment" icon. (You must have your Facility ID # and at least one valid 7 digit invoice number).

SCAQMD accepts Master Card, American Express, and Discover, and allows payment via e-checks. You can even make one convenient payment for multiple invoices.



**Cleaning the air that we breathe...™**

A third-party convenience fee will be added for payments made with credit cards. There is no fee for e-check payments. The minimum and maximum amount that can be paid using credit card is \$5-\$1,000,000 subject to individual cardholder limit. There are no minimum or maximum dollar limits for E-Checks. Payments will be posted by midnight of the day the payment is made on-line. If you qualify for a refund of any part of your payment, refunds will be paid by check regardless of the original payment method. A refund check will be processed within three weeks and sent to you at the billing address on file for your Facility ID. Credit card convenience fees are not refundable. Expired fees cannot be paid online. Contact SCAQMD Billing Services at 909-396-2900 for instructions on paying expired fees.

## New EV Charging Stations Available ...

➤ continued from page 1

and soon to be released for Android devices as well. Many of these stations will charge clean air vehicles with power produced by zero-emission solar panels or hydrogen fuel cells.

One of the renewable energy vehicle charging projects now online is located at the Metrolink station in the City of Industry. At that site 2 MW of solar flow into 28 EV charging stations. Enterprise Rent-a-Car will soon manage a car sharing program from the same location enabling commuters who ride the train to that station to use a clean car to run errands or attend meetings as needed. SCAQMD's Diamond Bar headquarters also provides public access to 21 Level 2 EV chargers and one DC fast charger.

More EV charging stations are popping up all over the region as private companies and public entities are moving forward to provide much needed infrastructure for clean transportation choices.

Among these, SCAQMD will partner with the California Energy Commission on two grants that will bring 315 new Level 2 (240V) stations on line by the end of the year and install 20 DC fast chargers – that can fully charge a vehicle in 20 to 30 minutes – at grocery stores.



For more information contact Patricia Kwon at [pkwon@aqmd.gov](mailto:pkwon@aqmd.gov) or (909) 396-3065

## Women in Green Forum Highlights Sustainable Business Leaders

The South Coast Air Quality Management District is a Platinum Sponsor of the 4th Annual Women in Green Forum to be held August 28 at the Luxe Sunset Boulevard Hotel in Los Angeles. The meeting is the largest international conference series for women in environmental careers and brings together environmental leaders ranging from corporate sustainability officers to academic researchers to technology developers. The Forum also includes participation from

regulatory agencies involved in developing the policies and legislation which will further the development of green technologies. Visit the Women In Green Forum web site, at [womeningreenforum.com](http://womeningreenforum.com), to register.



The South Coast Air Quality Management District presents

## The 25th Annual Clean Air Awards Luncheon

We invite you to attend the Silver Anniversary of SCAQMD's Clean Air Awards, to honor the individuals, organizations, communities and businesses that have helped improve air quality throughout our region through innovation, leadership and personal environmental commitment. Because of their contributions, our air is cleaner, our families are healthier, and the more than 16 million people across our region are breathing easier.



Individual Tickets \$40 Table of Ten \$400

For information contact (909) 396-2221 or e-mail [caawards@aqmd.gov](mailto:caawards@aqmd.gov)

October 4, 2013 - 11:30 am  
Millennium Biltmore Hotel  
506 South Grand Ave.  
Los Angeles, CA 90071

## New Electric & Plug-In Hybrid Vehicles ...

➤ continued from page 1

A number of all-electric vehicles, like the Nissan Leaf, Chevy Spark, EV Ford Focus, Fiat 500e, Honda Fit EV, Mitsubishi iMiEV, and Toyota RAV4 EV are also on the road and their numbers are rapidly increasing as dealers are selling many of these clean cars as fast as they can get them on their lots. Some dealers even have waiting lists for the vehicles. The prices are often comparable to non-electric vehicles since most of these vehicles qualify for a federal tax credit and a California rebate.

The 2013 model year is the first time every major automobile manufacturer is offering at least one all-electric or plug-in hybrid electric vehicle. As transportation sources account for approximately 80% of the air pollution in the region, the increased use of these zero- and near-zero emission vehicles is key to the effort to clean the air and meet federal air quality standards. An expanding network of electric vehicle chargers has also facilitated the expanded use of these vehicles.

While some manufacturers, such as Chevrolet, Nissan and Tesla, offer models that are only available as an electric or plug-in hybrid vehicle, others, such as Ford, Honda and Toyota are offering these as a variation on their existing models. Many of these vehicles also qualify for clean air vehicle decals, providing access to many of the High Occupancy Vehicle (HOV) lanes throughout the region.

For over 20 years, SCAQMD has been actively involved in the development and demonstration of cleaner vehicles and fuels including battery technology. SCAQMD is also helping to facilitate the installation of additional chargers.

The Clean Air Choice Vehicles list of currently available electric, plug-in hybrid electric and other vehicles, as well as the Clean Air Vehicle Calculator is available at [aqmd.gov/CleanAirChoices](http://aqmd.gov/CleanAirChoices).

For more information, contact Lisa Mirisola at [lmirisola@aqmd.gov](mailto:lmirisola@aqmd.gov) or (909) 396-2638



## Rule Update

The following proposed amended rules and regulations are tentatively scheduled for hearings at upcoming Governing Board meetings. To verify whether scheduling changes have occurred, visit the SCAQMD website at [www.aqmd.gov/hb/gb\\_cal95.html](http://www.aqmd.gov/hb/gb_cal95.html) and check the Rules and Control Measure item on the Governing Board meeting agenda or call the Clerk of the Board's Office at (909) 396-2500.

Copies of SCAQMD rules and regulations can be downloaded from the website at [aqmd.gov/rulesreg.html](http://aqmd.gov/rulesreg.html) or obtained from SCAQMD's Public Information Center at (909) 396-2039.

### September

#### Reg. III Fees - Projected Emission Reduction

Proposed amendments to Reg. III are intended to align fee revenues to recover SCAQMD program costs.

For more information, contact Naveen Berry at (909) 396-2363 or [nberry@aqmd.gov](mailto:nberry@aqmd.gov)

#### Rule 1123 - Improved Start-up, Shutdown and Turnaround Procedures

Proposed Rule 1123 will, if needed, implement Phase 1 of Control Measure MCS-03 of the 2012 AQMP by establishing procedures that better quantify emission impacts from start-up, shutdown or turnarounds.

For more information, contact Naveen Berry at (909) 396-2363 or [nberry@aqmd.gov](mailto:nberry@aqmd.gov)

#### Rule 1304.1 - Electrical Generating Facility Annual Fee for Use of Offset Exemption

The proposed rule will establish an approach to assess fees for equipment, facilities, and processes currently exempted from the New Source Review Program offset requirements under Rule 1304, paragraph (a)(2).

For more information, contact Naveen Berry at (909) 396-2363 or [nberry@aqmd.gov](mailto:nberry@aqmd.gov)

#### Reg. XX - Regional Clean Air Incentives Market (RECLAIM)

Proposed amendments to Regulation XX will seek to implement a minimum contingency measure CMB-01 of the 2012 AQMP, and possibly Phase II of the control measure if the technology assessment can be completed within the allotted time for this rulemaking.

For more information, contact Joe Cassmassi at (909) 396-3155 or [jcassmassi@aqmd.gov](mailto:jcassmassi@aqmd.gov)

### October

#### Rule 1168 – Adhesive and Sealant Applications

Amendments to Rule 1168 will partially implement CTS-02 and reflect improvements in adhesive and sealants technology.

For more information, contact Naveen Berry at (909) 396-2363 or [nberry@aqmd.gov](mailto:nberry@aqmd.gov)

#### Rule 1420 – Emissions Standards for Lead

##### Rule 1420.2 – Emissions Standards for Lead from Medium Sources

In October 2008, U.S. EPA lowered the National Ambient Air Quality Standard for lead from 1.5 to 0.15 ug/m<sup>3</sup>. Proposed Amended Rule 1420 and Proposed Rule 1420.2 will apply to lead sources and will include requirements to ensure the Basin meets the new lead standard.

For more information, contact Susan Nakamura at (909) 396-3105 or [SNakamura@aqmd.gov](mailto:SNakamura@aqmd.gov)

#### 1410 – General Provisions and Requirements for Ports of Los Angeles and Long Beach

##### Rule 4020 – Backstop Requirements for Ports of Los Angeles and Long Beach

If triggered, the proposed rules will address cost-effective NO<sub>x</sub>, SO<sub>x</sub>, and PM<sub>2.5</sub> emission reduction strategies from port-related sources to ensure emission reductions claimed or emission targets assumed in the AQMP are maintained.

For more information, contact Randall Pasek, at (909) 396-2251 or [rpasek@aqmd.gov](mailto:rpasek@aqmd.gov)

## Leaf Blower Exchange Program To Return In The Fall



The 8th Annual Leaf Blower Exchange Program will return this fall. The Leaf Blower Exchange Program allows professional gardeners and landscapers who live and work in SCAQMD's four-county jurisdiction to trade-in an older leaf blower for a substantially discounted low-polluting and lower-noise model. SCAQMD's four-county region includes all of Orange County and the urban areas of Los Angeles, Riverside and San Bernardino counties.

Since the inception of the program in 2006, SCAQMD has exchanged over 10,000 high-polluting leaf blowers for low-polluting and low-noise models. The exchange program has reduced over 350 tons of pollutants per year. Professional gardeners and landscapers can purchase the new clean models at approximately 50 percent off the retail cost.

This year there will be approximately 1,500 units available. For information on registration for the Leaf Blower Exchange Program visit [aqmd.gov/listserver/list.aspx](http://aqmd.gov/listserver/list.aspx).

For more information contact Shashi Singeetham at [ssingeetham@aqmd.gov](mailto:ssingeetham@aqmd.gov) or (909) 396-3298

## Looking Back 25 Years To The First Clean Air Awards Recipients

This year marks the 25th anniversary of the Clean Air Awards. The event, which began in 1989, will hold its annual luncheon on October 4th in Los Angeles. At the first awards event, twelve awards were presented to recipients in categories such as “Model Community Achievement” and “Advancement of Air Pollution Technology;” the same categories still being used today.

Among those first recipients was Julia Russell, who received the “Promotion of Good Environmental Stewardship” award for her sustainable “Eco-Home.” In 1989, it was quite novel for a home to feature sustainable living features, but now it has become a more responsible and popular way to live. Her century-old Los Feliz bungalow was one of the first to install solar panels, utilize composting, feature a sustainable front yard, and include edible plants growing in her backyard. Russell is still living in her Eco-Home, which has only become even more sustainable, according to a 2010 *Los Angeles Times* profile. “I was finding that I was benefiting myself so much. I was healthier, happier. Far from being a sacrifice, it was a great enrichment in my life,” she told the *Times*.

Now retired, Russell has had over 15,000 visitors to her Eco-Home, which is still a living monument to sustainable living. Russell co-founded a non-profit organization, the Eco-Home Network, which provided tours to the public, organized conferences and produced a nearly 400-page source book on ecologically integrated urban design. It has been used as a textbook by students and as a handbook by professional planners, developers and architects seeking to build homes that are more energy efficient and sustainable. “I still live at Eco-Home and live the sustainable lifestyle I demonstrated for so long,” Russell says. In retirement she spends time caring for her gardens. “I’m constantly learning from and being surprised and amazed and awed by the rewards of maintaining a reciprocal relationship with the earth.”

Another of the original award recipients, Mark Abramowitz, was presented a “Public Education on Air Quality Issues” award for his work with the Southern California based nonprofit group Clean Air Now. Since then, Abramowitz hasn’t “strayed far” as he has worked on SCAQMD’s Hearing Board, as an alternate, public member, and then chairman.



Julia  
RUSSELL



Mark  
ABRAMOWITZ

# CLEAN AIR People

Of all of the numerous inquiries the SCAQMD Advisor editorial team receives about its articles, one recent caller, Eric Grant, stands out. He felt compelled to report some missing data from one of the graphs. As it turns out, Eric is not just any dedicated Advisor reader, he is one of the true pioneers of air pollution control in California.

Eric Grant was born and raised in Hollywood. He went to work as an inspector in 1955 for the Los Angeles Air Pollution Control District, and vividly remembers “driving in his black and white patrol car” and observing how bad the air pollution was in those days, where only the very top of the Los Angeles City Hall building was visible above the thick layer of smog.

His passion for vehicle pollution controls took him to Sacramento in 1959, where he soon became the Executive Officer of the Motor Vehicle Pollution Control Board. He earned a law degree and was involved in writing the laws that helped establish the California Air Resources Board. During the contentious negotiations with the automotive industry, he and his team successfully argued for effective and innovative pollution controls. In the late sixties, he embarked on a long and distinguished career as an environmental consultant.

“Our challenges were many, testing showed vehicles in California were averaging 8 miles to the gallon and a gallon of gas was around 19 to 24 cents per gallon,” he says. “We also found that the loss of hydrocarbons was 25 to 30% of the total fuel delivered to the vehicle.” This loss was from exhaust, evaporation and crank case emissions. Controls for crank case and exhaust emissions were first established in the mid-1960s. Evaporation controls on passenger vehicles delivery trucks and gas pumps at the station soon followed.

About twelve years ago, Eric and his wife, Tammy, moved to Jamul, a small town near San Diego with “no air pollution problems.” When he’s not busy trying to raise palm trees on his 25 acre property, Eric takes some time to read the latest edition of the SCAQMD Advisor.

Abramowitz is still involved in environmental issues as an environmental consultant to businesses. “I have worked as a consultant to a broad range of public and private organizations and companies. I’ve particularly enjoyed helping companies with new technologies... and those with regulatory difficulties solve problems.”

Besides serving as the current board president of the California Hydrogen Business Council, Abramowitz also serves as the Board Assistant to SCAQMD Governing Board Member, Dr. Joseph K. Lyou, the Governor’s Appointee on the Board.

“Ironically,” Abramowitz says, “I served as an intern to Governor Brown’s appointee, Gladys Meade, when Gov. Brown was Governor in the 80’s. I think I’ve come around full circle.”



Eric  
GRANT



South Coast  
AQMD

## South Coast Air Quality Management District

21865 Copley Drive  
Diamond Bar, CA 91765-4178

### Return Service Requested



## Briefly...

### Rule Compliance Promotion Classes

#### Rule 403 – Controlling Dust in the South Coast Air Basin

• Every third Wednesday of the month. This half day-class is held at SCAQMD's Diamond Bar Headquarters from 8:30 a.m. to 11:30 a.m. There is no fee, but pre-registration is required. Class and registration information is available at [aqmd.gov/aqmd/aqmd\\_training.htm](http://aqmd.gov/aqmd/aqmd_training.htm) under "Controlling Dust Control in the South Coast Air Basin (Rule 403)."

*To register call toll free 1-866-DUST (3878) or e-mail: [dustcontrol@aqmd.gov](mailto:dustcontrol@aqmd.gov)*

#### Rule 403 & 401.1 – Controlling Dust in the Coachella Valley

• Every third Thursday of the month. This course is held from 1:00 p.m. to 4:30 p.m. at the Coachella Valley Association of Governments, Room 119, 73-710 Fred Waring Dr., Palm Desert, CA, 92260. There is no fee, but pre-registration is required. Class and registration information is available at [aqmd.gov/aqmd/aqmd\\_training.htm](http://aqmd.gov/aqmd/aqmd_training.htm) under "Controlling Dust in the Coachella Valley (Rule 403 & 403.1)"

*To register call toll free 1-866-861-DUST (3878) or email: [dustcontrol@aqmd.gov](mailto:dustcontrol@aqmd.gov)*

#### Rule 461- Gasoline Transfer and Dispensing

**Daily Self-Inspection Class for  
Gasoline Service Station Owners/  
Operators** - \$142.38 per person.

- November 8, 2013

**Annual Periodic Inspection Class for  
Gasoline Service Station Owners/  
Operators** - \$155.83 per person.

- November 22, 2013

**Tester Orientation Training** - \$148.14  
per person.

- August 16, 2013
- November 15, 2013

Classes are held from 8:00 a.m. – 5:30 p.m. at the SCAQMD's Diamond Bar Headquarters. Pre-registration is required. No walk-in registrations. Class and registration information is available at [aqmd.gov/aqmd/aqmd\\_training.htm](http://aqmd.gov/aqmd/aqmd_training.htm) under "Rule 461-Gasoline Transfer and Dispensing Compliance Assistance Classes."

*To register call (909) 396-3178 or email [clozano@aqmd.gov](mailto:clozano@aqmd.gov).*

#### Rule 1403 – Asbestos Emissions from Demolition/Renovation Activities Class

- August 14, 2013
- October 9, 2013

Classes are held from 8:00 a.m. – 1:00 p.m. at SCAQMD Diamond

Bar Headquarters (Room CC6). Registration fee is \$77.50 per person and pre-registration is required. Class and registration information is available at [aqmd.gov/aqmd/aqmd\\_training.htm](http://aqmd.gov/aqmd/aqmd_training.htm) under "Rule 1403 - Asbestos Demolition and Renovation Compliance Assistance Class."

*To register, go to [aqmd.gov/comply/Training\\_Info/Class\\_1403\\_Online\\_Registration.htm](http://aqmd.gov/comply/Training_Info/Class_1403_Online_Registration.htm) or contact Walter Shen at (909) 396-2487.*

#### Rule 2202 - Employee Transportation Coordinator (ETC) Training

- July 10, SCAQMD Headquarters, Diamond Bar
- July 18, LAX Flight Path Museum, Los Angeles
- August 8, SCAQMD Headquarters, Diamond Bar
- August 22, University Club, University of California, Irvine
- September 5, SCAQMD Headquarters, Diamond Bar
- September 25, South Bay Environmental Services, Torrance

Classes are held from 8:00 a.m. to 5:00 p.m. Enrollment is limited to 20 students per class. Classes will be filled

on a "first-come, first-served" basis. Pre-registration is required. Enrollment fee is \$160.75 per person. Class information is available at [aqmd.gov/aqmd/aqmd\\_training.htm](http://aqmd.gov/aqmd/aqmd_training.htm) under "Rule 2202 - Employee Transportation Coordinator Training."

*To register, call (909) 396-2777 or e-mail [etctraining@aqmd.gov](mailto:etctraining@aqmd.gov)*

## SCAQMD ADVISOR

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