



**SCAQMD**

*Cleaning  
the air  
that we  
breathe...*

# ADVISOR

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## Funding to Purchase Cleaner Locomotives Approved

In February, the South Coast Air Quality Management District took a significant step in helping to clean emissions from passenger railroad operations in the region by approving funding for the purchase of up to 20 cleaner locomotives for Metrolink. The funding is expected to reduce approximately 231 tons per year of nitrogen oxide emissions and over seven tons per year of particulate matter pollution.

SCAQMD will provide the Southern California Regional Rail Authority, the agency that operates Metrolink, Southern California's regional commuter rail system, \$34.6 million in co-funding. These funds will help Metrolink replace up to 20 older "Tier 0" diesel locomotives with newer "Tier 4" locomotives, the cleanest model available. Funding comes from the Carl Moyer Memorial Air Quality Standards Attainment Program. An additional \$17.3 million requested is contingent upon the state legislature reauthorizing the Carl Moyer Program, and will be considered at a future Governing Board meeting.

The Carl Moyer Program, established in 1998, provides funds to help owners of diesel engines retrofit, repower, or replace their engines with newer and cleaner ones.

"This funding is the first of its kind to a local agency to purchase the cleanest locomotives available," said William A. Burke, Ed.D., SCAQMD's Governing Board Chairman. "Once deployed, the public health benefits will be significant for the Southland." Deployment of the first three cleaner locomotives is expected in the latter half of 2015.



*Photo courtesy of Metrolink*

In addition, SCAQMD will evaluate the use of liquefied natural gas (LNG) and other alternative fuels to further reduce emissions from locomotives.

For more information, contact Henry Hogo at (909) 396-3184 or [hhogo@aqmd.gov](mailto:hhogo@aqmd.gov).

## Clean Air Measure Approved to Ensure Ports Meet Clean Air Goals

At its February meeting, the South Coast Air Quality Management District established a control measure to ensure that the ports of Los Angeles and Long Beach meet their voluntary commitments to reduce air pollution from ships, trucks, trains and other equipment operating at the ports.

SCAQMD's Governing Board approved the measure, which in turns calls for the development of a proposed regulation that would take effect only if the two ports fail to meet emission reduction targets needed to achieve federal health standards for fine particulates (PM2.5) by 2015.

*continued on page 5 ➤*



## Nearly \$51 Million Approved for Pollution Reduction Projects in the Coachella Valley

**T**wenty-six emission-reduction projects in the Coachella Valley will receive nearly \$51 million from SCAQMD. More than \$33 million of the funding will help school districts replace or clean up dirty diesel school buses and install air filtration systems in classrooms, as well as assist local cities with solar panel installations, cleaner vehicles and dust control projects.

"This has been an unprecedented opportunity for the Coachella Valley," said William A. Burke, Ed.D., SCAQMD Chairman. "I'm particularly pleased with the number of projects directly benefitting school children and local communities in the area."

Funding for the projects comes from monies paid by Competitive Power Ventures, Inc. (CPV) to SCAQMD for emissions offsets needed to

construct and operate CPV's Sentinel power plant in Desert Hot Springs.

In response to the project solicitation, SCAQMD received 75 proposals for more than 95 emission reduction projects requesting a total of more than \$375 million. A panel of three air quality technical experts scored each proposal according to the criteria outlined in the solicitation.

Staff will provide progress reports every six months, or more often if needed, and provide a comprehensive report in three years to evaluate air emissions and local economic benefits.

For a complete listing of all projects received, including a ranking of projects and a list of back-up projects, visit [aqmd.gov](http://aqmd.gov).

For more information, contact Tracy Goss at (909) 396-3106 or [tgoss@aqmd.gov](mailto:tgoss@aqmd.gov).



## Shore-to-Ship Power Expected to Be Completed Next Year

**A**s worldwide trade rises and the percentage of goods transported globally by sea increases, emissions from container ships represent an escalating concern for the environment. Among the largest sources of the region's air pollution are ships that keep auxiliary diesel engines running while docked at port. One solution to reduce these emissions is for ships to "plug-in" to power on shore.

To facilitate in the development of shore-based power infrastructure within the South Coast region, in May 2011, SCAQMD awarded approximately \$58 million for shore-side power projects at the ports of Long Beach, Los Angeles and Hueneme.

Shore power projects have created jobs, including the boost in the region's local construction trade. The projects are scheduled to be completed by the end of this year, with connection to shore power at the California ports starting January 1, 2014.

The environmental benefits of shore-to-ship power are projected to be significant. Switching ships from onboard generation to grid power is expected to reduce 762 tons per year of nitrogen oxide emissions and 13 tons per year of particulate matter emissions over the next decade. Another benefit of shore power is the reduction of noise, creating a better environment for crew, dockworkers, passengers, and local residents.

## SCAQMD Promotes Clean Transportation at Washington, D.C. Conference

**S**CAQMD promoted the need for cleaner transportation technologies by hosting a panel discussion at the year's largest gathering of transportation professionals in the country.

The session at the Transportation Research Board's (TRB) 92nd Annual Meeting featured a dialogue on how strategies for developing zero- and near-zero emission technologies (that meet both air quality and climate requirements) are being implemented in Southern California, along with examples of current and upcoming clean technology advancements.

TRB is a division of the National Research Council, a nonprofit institution that is part of the National Academies of Science. TRB's mission is to promote innovation and progress in transportation through research. The session took place in January in Washington, D.C. at the TRB Annual Meeting, which attracted 11,700 professionals from around the world.

The SCAQMD session featured various panelists including SCAQMD senior staff as well as representatives from L.A. County Metropolitan Transportation Authority, UC Irvine, Siemens, UPS, and a local clean truck manufacturer, Total Transportation Services, Inc.

The session also included a discussion on how clean transportation solutions can boost job creation and the bottom line for businesses. Panelists discussed a proposed dedicated zero-emission truck lane project on the I-710 freeway as part of a clean freight regional network and addressed challenges and possible approaches to meeting the need to enhance clean energy supplies for increased use of clean technology.

For more information, contact Philip Crabbe at (909) 396-2632 or [pcrabbe@aqmd.gov](mailto:pcrabbe@aqmd.gov).



# Moving To Advanced Technologies a Must to Achieve Cleaner Air for Region

**S**outhern California's successes in reducing smog and other air pollutants over the past half century have relied largely on the deployment of cleaner technologies and fuels to curb emissions. Yet, as federal air quality standards are increasingly strengthened to protect public health, cleaner technologies must keep pace.

In the South Coast region, a transition to technologies with zero, or nearly zero emissions, will be necessary to meet the federal 2023 and 2032 air quality standards and the State's 2050 climate goals for reducing greenhouse gases (GHGs). Many of the same technologies will provide reductions for both air pollutants and GHGs.

SCAQMD's efforts to seek deployment of zero- and near-zero emission transportation technologies have been directed toward collaborative technology advancement, legislative and regulatory activity, regional planning and projects, and public outreach. For example, SCAQMD is working with local transportation officials on an innovative project proposal through which a freight corridor along the I-710 freeway would be dedicated to zero-emission trucks. This would ultimately be a part of a clean freight network throughout the region.

Additionally, SCAQMD has also applied for grants to leverage with its own funding for the

development of alternative fuel technologies for cars, heavy-duty trucks, and buses, as well as shore power for ships and cleaner locomotive engines, to name a few. A current shore power project is ongoing at the Ports of Los Angeles, Long Beach and Hueneme (see "Shore-to-Ship Power" on page 2), while SCAQMD recently provided funding to help fund 20 cleaner locomotives for the Metrolink commuter rail system (see Cover Story on page 1).

SCAQMD also works with key agencies at all levels of government, participates in coalitions and advisory committees, and holds informational forums for key stakeholders and decision-makers throughout the country to educate about the needs and benefits of zero- and near-zero emission technology development. Most recently, in January 2013, SCAQMD hosted a presentation at the Annual Meeting of the Transportation Research Board in Washington, D.C. (see "SCAQMD Promotes Clean Transportation" on page 2), and in June 2012, SCAQMD sponsored a policy conference on the issue featuring the participation of five Members of Congress.

In order to coordinate planning strategies to address air quality and climate change, SCAQMD collaborated with the California Air Resources Board and the San Joaquin Valley Air Pollution

Control District to create the "Vision for Clean Air: A Framework for Air Quality and Climate Planning," which examines how clean technologies can meet both air quality and climate goals over time. This document and its appendix are available at [aqmd.gov/aqmp/2012aqmp/VisionDocument/index.htm](http://aqmd.gov/aqmp/2012aqmp/VisionDocument/index.htm).

This report is a follow-up to SCAQMD's Powering the Future effort and is intended to be a resource for future air plan amendments, and to spur public comment regarding potential attainment strategies. The document was released in June 2012 and includes information about emission reduction needs and technology options (including zero- and near-zero emission transportation technologies) to attain air quality standards and comply with state legislation and executive orders committing to greenhouse gas emission reductions.

This challenge we face represents a unique opportunity for innovative solutions to be created and implemented that address mobile sources of pollution, including the substantial pollution coming from goods movement.

For more information, contact Henry Hogo at (909) 396-3184 or [hhogo@aqmd.gov](mailto:hhogo@aqmd.gov).

## Residents Asked to "Check Before You Burn"

**A**s part of the Healthy Hearths™ initiative, the South Coast Air Quality Management District is asking residents to participate in its "Check Before You Burn" program to help improve wintertime air quality by not burning wood in their fireplaces when unhealthy air quality is forecast.

Under the program, SCAQMD issues a 24-hour no-burn alert for residential fireplaces or outdoor fire pits and wood stoves when stagnant weather raises fine particulate pollution to unhealthy levels. The alerts are issued for specific areas and only during the winter months (November 1 through the last day of February). During a no-burn alert, residents in the no-burn areas must refrain from all indoor and outdoor wood burning.

Residents can obtain no-burn alert information by:

- Using the interactive residential no-burn alert map on the SCAQMD website by entering an address or ZIP code in the search area;
- Signing up for SCAQMD Air Alerts sent via e-mail; or
- Calling (866) 966-3293 for Check Before You Burn information.

The wintertime program became mandatory on November 1, 2011 under the provisions of Rule 445 – Wood-Burning Devices. The program is applicable to all of Orange County and to the non-desert portions of Los Angeles, Riverside and San Bernardino Counties.

**CHECK  
BEFORE YOU  
BURN**



## Two SCAQMD Attorneys Honored

**T**he monthly magazine that covers the Golden State's legal market, *California Lawyer*, has named its 17th annual *California Lawyer* Attorneys of the Year (CLAY) Awards. The awards recognize 60 attorneys in 21 areas of legal practice, and two SCAQMD attorneys are among those honored.

Attorneys honored with CLAY awards include prosecutors, public-interest lawyers, and attorneys from the state's law firms, and are featured in the March 2013 issue of *California Lawyer*. Among those honored include SCAQMD District Counsel Barbara Baird, and William Wong, SCAQMD Principal Deputy District Counsel, for their efforts in the *American Coatings Association, Inc. v. SCAQMD* case decided by the California Supreme Court in 2012.

According to *California Lawyer*, "after Baird and Wong oversaw the adoption of a



Baird

Wong

strict pollution-reduction paint coating rule, it was challenged by the American Coatings Association." Among other things, this important case affirmed the authority of the SCAQMD Governing Board to adopt technology-forcing rules.

Daniel Selmi of Los Angeles' Loyola Law School, and Matthew Zinn of the San Francisco law firm Shute, Mihaly and Weinberger, joined Baird and Wong in successfully defending SCAQMD's 2002 amendments to its Rule 1113, which limits certain pollution-causing substances in paints and coatings.

## Upcoming EVENTS

### Frontier Project & Cucamonga Valley Water District Earth Day

Saturday, April 6, 2013  
10:00 am – 2:00 pm  
Frontier Project  
10440 Ashford St.  
Rancho Cucamonga, CA

### Monterey Park Earth Day Festival & Bike Ride

Saturday, April 20, 2013  
9:00 am – 1:00 pm  
Monterey Park City Hall  
320 W. Newmark Ave  
Monterey Park, CA

### City of Manhattan Beach Earth Day Celebration and Concert

Saturday, April 27, 2013  
10:00 am – 3:00 pm  
Polliwog Park  
1601 Manhattan Beach Blvd  
Manhattan Beach, CA

# Effective Smog-Fighting Lawn Mower Exchange Program Begins April 17

The kick-off for SCAQMD's popular "Mow Down Air Pollution" Lawn Mower Exchange Program is just around the corner. Four thousand lawn mowers of six different models will be available at four exchange events throughout the region starting in the spring.

The program allows residents living within SCAQMD's four-county jurisdiction to turn in their working gas-powered lawn mower and purchase a new cordless rechargeable electric mower at a greatly reduced price, ranging from \$100 to \$250. Over the past ten years, 47,059 gasoline-powered lawn mowers have been traded in for zero-emission electric mowers, removing almost 98 tons of smog-forming volatile organic compound emissions from the Southland's air.

SCAQMD's four-county jurisdiction includes most of Los Angeles County (excluding the Antelope Valley), all of Orange County, most of Riverside County, and the non-desert area of San Bernardino County. Pre-registration is required which begins at 8 a.m. on Wednesday, April 17th.

Call the program hotline at 1-888-425-6247 or visit SCAQMD's web site at [aqmd.gov](http://aqmd.gov) for updates. Residents may also sign up at [aqmd.gov/listservers/list.aspx](http://aqmd.gov/listservers/list.aspx) to be notified before registration starts.

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

*"...a new cordless rechargeable electric mower at a greatly reduced price, ranging from \$100 to \$250"*



## SCAQMD Receives Award for Distinguished Budget Presentation

The Distinguished Budget Presentation Award has been awarded to the South Coast Air Quality Management District by the Government Finance Officers Association of the United States and Canada (GFOA) for the fiscal year 2012-13 budget. This is a significant achievement which reflects the commitment of the governing body and staff to meeting the highest principles of governmental budget presentation.

There are four categories that must be rated "proficient" in order to receive the award. These include a policy document, a financial plan, an operations guide, and a communications device. In addition, there are fourteen mandatory criteria within those categories that must be met in order to receive the award.

The GFOA is a nonprofit professional association serving approximately 17,500 government finance professionals throughout North America.

The Budget Presentation was prepared by members of SCAQMD's Finance staff: Michael O'Kelly, Donna Peterson, Mary Leonard, John Kampa, Nancy Cole and Linda Guevara.

For more information, contact Donna Peterson at (909) 396-2310 or at [dpeterson@aqmd.gov](mailto:dpeterson@aqmd.gov).

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# New Look and New Logo Unveiled

A new logo has been adopted by the South Coast Air Quality Management District Governing Board. The new design replaces the previous logo for all SCAQMD print, audiovisual and web materials. Its consistent use will help “brand” the SCAQMD to reinforce the agency’s identity with the public. Out of respect for the environment, existing materials with the previous logo will be used until they are depleted. The District will gradually update its materials as inventories are replenished.

The updated logo respects SCAQMD tradition by retaining the “SCAQMD Bird” graphic as its central element, while updating it with a solid, bolder color and adding the words “South Coast” to better distinguish the agency from other air districts. As early as 1977 the “SCAQMD Bird” was used to identify the state’s largest air district. Since that time, several logo variants have been developed and used on SCAQMD’s printed materials, web designs and video productions.

The new logo was adopted just in time to highlight a redesign of this SCAQMD Advisor newsletter. The Advisor’s redesign features a new masthead, a more readable, user friendly format and a stylish graphical design. This is the first complete redesign since December 2001, when the Advisor became a full-color glossy publication.



## SCAQMD, SCE Dedicate Low-Emission Equipment to Help Power Catalina Island

On February 13th, representatives from SCAQMD and Southern California Edison formally dedicated 23 propane-fueled electrical generating units at the Edison power station near Avalon, which have already been helping to reduce air pollution and cut diesel fuel use on Catalina Island for over a year.

“These microturbines are helping to reduce smog-forming pollutants and diesel particulates from Catalina’s power plant,” said William A. Burke, Ed.D., AQMD’s Chairman. “This will help improve air quality not only on Catalina but also on the mainland as prevailing winds can carry pollutants onshore.”

The addition of the microturbines to Southern California Edison’s electric system on Catalina Island provides approximately 1.5 megawatts in capacity, while reducing the consumption of diesel fuel by 200,000 gallons annually.

SCAQMD provided the 60-kilowatt microturbines to Edison which became operational in December 2011 at SCE’s Pebbly Beach generating station on the island. Prior to that time, diesel engines provided 100 percent of electricity generated on Catalina.

In 2012, use of the microturbines reduced diesel fuel consumption at the power plant by about 10 percent, reducing smog-forming nitrogen oxide emissions by nearly eight percent and diesel particulate matter by about 9.5 percent.

Since 2001, SCAQMD has deployed 210 similar microturbines throughout the Southland. Microturbines, fueled by natural gas or propane as well as renewable biogas from landfills and wastewater facilities, can provide clean, alternative power to distributed generation projects that are not connected to the power grid.

For more information, contact Al Baez at [abaez@aqmd.gov](mailto:abaez@aqmd.gov) or at (909) 396-2516.

## Clean Air Measure Approved...

➤ continued from page 1

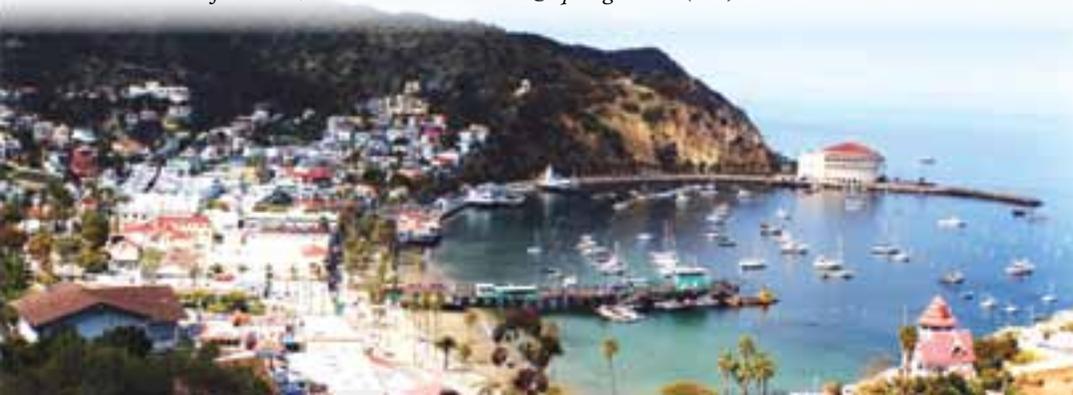
“The ports have made substantial progress in reducing emissions from their operations,” said William A. Burke, Ed.D., AQMD’s Governing Board Chairman. “This action simply ensures that if the ports’ voluntary pollution reductions don’t occur on time, SCAQMD’s regulation will require them to develop additional measures to address the shortfall.”

Under SCAQMD’s measure, any additional port emission-reductions must be technically feasible, cost-effective and within the legal authority of the ports. Such measures potentially could include clean technology funding programs and lease agreements designed by the ports.

The ports of Los Angeles and Long Beach comprise the largest marine port complex in North America as well as the No. 1-emitting facility with the most emissions in the Southland. Existing voluntary emission reduction commitments for nitrogen oxides, sulfur oxides and PM2.5 in the ports’ Clean Air Action Plan are critical to the region meeting its clean air goals.

The so-called “backstop” measure will now be included in SCAQMD’s 2012 Air Quality Management Plan. The plan is a detailed blueprint for achieving federal health standards for PM2.5 in the Southland by 2015. It also includes an update on progress towards reducing ground-level ozone to help meet the ozone standard by 2024.

For more information, contact Elaine Chang at (909) 396-3186 or [echang@aqmd.gov](mailto:echang@aqmd.gov).



## 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.

### April

#### Rule 219 - Equipment Not Requiring a Written Permit Pursuant to Regulation II

Staff will consider exempting low-emitting processes/equipment that require written permits, and include them under the Rule 222 Filing Program, thus streamlining the permitting process and reducing the cost for facilities, and clarify permitting requirements for several other processes.

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

#### Rule 222 - Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II

Staff will evaluate currently permitted equipment with very low emissions and consider incorporating into the Rule 222 Filing Program. In addition, staff will evaluate other equipment currently exempt from permits, but subject to source-specific rules, for inclusion into Rule 222 Filing Program.

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

#### Rule 1114 - Control of Emissions from Refinery Coking Operations

Proposed Rule 1114 will establish emission limits and other requirements for the operation of coking units at petroleum refineries.

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



#### Rule 1304.1 - Fees for New Source Review Exempt Equipment, Facilities and Processes

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)

### May

#### Rule 444 – Open Burning Rule 445 – Wood Burning Devices

Proposed amendments to Rule 444 (Open Burning) would implement control measure BCM-02 from the 2012 AQMP by aligning burn day restrictions to be consistent with Rule 445 residential burning restrictions in the winter. Additional revisions are intended to improve rule clarity and effectiveness.

Proposed amendments to Rule 445 (Wood-Burning Devices) would implement control measure BCM-01 from the 2012 AQMP by lowering the ambient PM<sub>2.5</sub> concentration threshold used for forecasting wood burning curtailment days and would also establish the criteria used to forecast a Basin-wide curtailment day. Additional revisions are intended to improve rule clarity and effectiveness.

For more information, contact Phil Fine at (909) 396-2239 or [pmfine@aqmd.gov](mailto:pmfine@aqmd.gov)

#### Regulation III – Fees

Proposed amendments to Regulation 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)

## Did You Know



**H**heavy-duty trucks play a key role in our local economy, but also pose a significant problem for the Southland's air quality.

Trucks are the No. 1 source of nitrogen oxide emissions, a pollutant that forms fine particulate pollution, known as PM<sub>2.5</sub>, in the atmosphere. It is well documented that diesel emissions are a potent carcinogen and responsible for about 85 percent of the total cancer risk from air pollution.

To reduce truck emissions new trucks must meet tailpipe standards requiring sophisticated pollution controls. That's why new trucks are many times cleaner than older models. However, trucks have a long service life and it will take years (if not decades) for the dirty diesels in today's trucking fleet to be replaced by newer, cleaner models. That's why SCAQMD has provided millions of dollars in incentive funds to replace thousands of aging dirty diesel trucks with new, cleaner models, especially in areas heavily impacted by diesel exhaust including areas near the ports of Los Angeles and Long Beach and near warehouses in the Inland Empire.



# CLEAN AIR People



Nicole  
SILVA

Every year SCAQMD offers a limited number of students the opportunity to be part of its paid summer internship program. Occasionally, these interns come back to work at the agency full time, such as Air Quality Inspector Nicole Silva. This was followed by an internship in the summer of 2009 in the Legislative and Public Affairs department, and from there she stayed on with the department as a temporary employee. She joined the District full-time when she successfully competed for the inspector position in 2011.

Nicole is approaching her second anniversary at the District. As an inspector she focuses on portable equipment with agency permits and CARB registrations within the basin.

A graduate of UC Irvine, Nicole earned a B.S. in Earth and Environmental Science and while there, became a member of Phi Sigma Rho, a national engineering and science sorority. Going on 26 years of age, she intends on eventually pursuing a graduate degree to complement and assist in her career development at SCAQMD.

Nicole is an active volunteer. When asked how she spends her free time she states, "I give my time to anyone who needs it." She not only tutors children in math and science but she also coaches youth basketball and softball. Her favorite age group to coach is 8 and under.

Jason Low, Atmospheric Measurements Manager, has worked at SCAQMD for twelve years. His duties and responsibilities are vast, but consist mainly of leading the efforts for operating and maintaining SCAQMD's thirty-eight air monitoring stations and implementing special air monitoring projects for reporting air quality data.

Jason began his tenure as a chemist. He conducted analyses of volatile toxic gases and ozone precursors for five years. Since then, he's had a diverse career in the Monitoring and Analysis Division doing a variety of work such as conducting special studies within the third Multiple Air Toxics Emissions Study (MATES III), coordinating laboratory involvement with SCAQMD emergency response, and developing outreach to local first responders. He also coordinates SCAQMD's response for wildfires that potentially impact regional air quality.

Jason earned his Ph.D in physical chemistry with an emphasis in atmospheric analytical chemistry at the University of California, Irvine. While there he met his wife of eight years, Allison. She graduated with the same degree as Jason and teaches chemistry at Cypress College. Together they live in Irvine with their three and a half year old son Zephyr Riku. His name combines the meanings of west wind and clear skies, as a reminder to them that the goal of good air quality is an important legacy that should be passed from generation to generation. To keep them all company they've also adopted two long-haired Chihuahua/Pomeranian dogs.

When Jason is not chasing around his soon-to-be four year old, he enjoys keeping his mind active by playing board and card games. He also enjoys hiking, scuba diving, traveling, and exploring amusement parks, the current favorite being Legoland.



Jason  
LOW



Thien Duc  
TRINH

Thien Duc Trinh joined SCAQMD in June 2001 as a Fleet Services Worker I, and has since been promoted to Fleet Services Worker II. Previously, Thien worked at a Lexus dealership, but applied to SCAQMD because of its expanded opportunities for his career. His main responsibilities include maintaining all the vehicles in SCAQMD's extensive fleet, and getting the vehicles ready for use by employees. Thien "enjoys working at SCAQMD. I enjoy the people and I enjoy having the potlucks." He likes to help everyone so he can try to make their day a little better.

Thien went to Citrus College and completed the factory Toyota training. He received his ASE certificate for automotive, so he always knew he wanted to work with cars. He was born in Vietnam but grew up in El Monte as one of nine children (he has two brothers and six sisters). He has lived in Covina for over twenty years with his wife Julie and his now-adult son Joshua.

Thien loves his long-haired Chihuahuas Max and Marty. He enjoys dirt bike riding, camping, jet skiing and boating. Thien and his family enjoy riding in Glamis and every year, his whole family gets together in Laughlin to go out on his boat. He also enjoys visiting his sister in Oregon. They plan to go and visit her soon because his niece will be graduating high school.



**South Coast  
AQMD**

**South Coast  
Air Quality Management District**

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Diamond Bar, CA 91765-4178

**Address 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 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 & 403.1 – 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**

Rule 461 provides attendees with a fundamental understanding of vapor

recovery systems and other information necessary to comply with Rule 461 requirements. Since each class is designed for a particular activity conducted under Rule 461, please refer to the rule to determine which class or classes are required. Other topics covered include: the history of SCAQMD; how gasoline vapors contribute to smog formation, and the important role this program plays in SCAQMD's efforts to achieve healthy air quality within our basin.

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

- March 15, 2013
- May 31, 2013
- November 8, 2013

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

- March 29, 2013
- June 14, 2013
- November 22, 2013

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

- March 22, 2013
- June 21, 2013
- August 16, 2013
- November 15, 2013

Classes are held from 8:00 a.m. – 5:30 p.m. at SCAQMD's Diamond Bar Headquarters. Pre-registration is required. No walk-in registrations.

Class 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."

*Contact Cynthia Lozano at (909) 396-3178 or email [clozano@aqmd.gov](mailto:clozano@aqmd.gov) for additional information and to register.*

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

- March 13, 2013
- April 17, 2013
- May 15, 2013
- June 12, 2013

Classes are held from 8:00 a.m. – 1:00 p.m. at SCAQMD Diamond Bar Headquarters (Room CC6).

Registration fee is \$75.50 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, call (909) 396-2658 or email: [doswald@aqmd.gov](mailto:doswald@aqmd.gov)*

**Rule 2202 – Employee Transportation  
Coordinator (ETC) Training**

- March 7, Hilton Orange County / Costa Mesa, Costa Mesa
- March 21, SCAQMD Headquarters, Diamond Bar
- April 11, Courtyard by Marriott, Burbank
- April 25, SCAQMD Headquarters, Diamond Bar
- May 9, State of California - California Tower, Riverside
- May 23, SCAQMD Headquarters, Diamond Bar

Classes are held from 8:00 a.m. to

5:00 p.m. Enrollment is limited to 20 students. 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 [ectraining@aqmd.gov](mailto:ectraining@aqmd.gov)*

**SCAQMD ADVISOR**

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