



South Coast  
AQMD  
**SCAQMD**

*Cleaning  
the air  
that we  
breathe...*

# ADVISOR

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## Studies Link Fine Particulate Exposure to Children's and Seniors' Health

**N**ew health studies show a connection between exposure to fine particulate air pollution and childhood allergies, aging of the brain, and even higher death rates among seniors.

The first of three new studies, was led by researchers at the University of Southern California Keck School of Medicine and published in the *Annals of Neurology*. It shows that exposure to fine particulate matter (known as PM<sub>2.5</sub>) may have a negative impact on how the brain's white matter ages. PM<sub>2.5</sub> consists of particles smaller than 2.5 micrometers that can easily enter the lungs and possibly the bloodstream. White matter connects brain regions and determines how information is processed in the brain.

According to the study, older women, aged 71 to 89, who lived in places with higher PM<sub>2.5</sub> levels had significantly less white matter, which could not be explained by race, ethnicity or other factors that may influence brain volumes.

In another recent study, researchers at Harvard University linked both long- and short-term PM<sub>2.5</sub> exposure to higher death rates in people over the age of 65, even when the pollution concentration levels do not exceed federal standards. The study, published in *Environmental Health Perspectives*, concluded that exposure

to 10 micrograms per cubic meter of PM<sub>2.5</sub> over the long-term was strongly associated with a 7.52 percent increase in mortality, while short-term exposure was linked to a 2.14 percent increase in mortality. These pollution levels are below U.S. EPA standards.

The third study, from the University of British Columbia suggests that children exposed to traffic-related air pollution during their first year of life are more likely to develop allergies to food, mold, pets and pests.

Researchers analyzed data from more than 3,500 families and their infants across Canada to determine how genetic and environmental factors contribute to allergies and asthma. While the research found that infants exposed to air pollution in their first year were at greater risk for allergies, there was no increased allergy risk in the children based on their mother's exposure to air pollution while the child was *in utero*.

*For more information on the June 22, 2015 USC Keck School of Medicine study, go to [keck.usc.edu/news/category/news/research-news](http://keck.usc.edu/news/category/news/research-news); for the June 4, 2015 Harvard study, visit [hsph.harvard.edu/news/press-releases](http://hsph.harvard.edu/news/press-releases); and visit <http://news.ubc.ca/2015/05/04/> for the May 4, 2015 University of British Columbia study.*





# New Positions to Benefit Emancipated Foster Kids

**S**CAQMD is partnering with foster care agencies in the four counties within its jurisdiction to offer on-the-job training for youth emancipated from the foster care system. The SCAQMD Governing Board last month created a new classification and funded two positions to help young adults transitioning from the foster care system gain

invaluable experience to increase their potential to successfully compete for full-time employment in today's job market. These positions, created at the request of the Los Angeles County Board of Supervisors, would be limited term positions of no longer than twelve months.

The County of Los Angeles currently administers a Career Development Internship program for transition-aged foster youth. Since 2010, 108 young adults have participated in this program, with 70% successfully hired as permanent employees.

While called interns, the SCAQMD youths filling these positions actually will be temporary full-time employees performing duties for which they may not otherwise qualify, in order to gain experience that would ultimately enable them to qualify for permanent full-time positions at SCAQMD or elsewhere.

Youth selected for these positions will have the flexibility to receive on-the-job training in one of six SCAQMD job classifications including stock clerk, print shop duplicator, office assistant, general maintenance helper, fleet services worker I, and mail/subscription services clerk. The current job specifications for each of these classifications often require between six to twelve months experience.

## Control Strategy Symposium Provides Useful Input for 2016 AQMP

**I**n June SCAQMD hosted a two-day symposium that provided an open forum to discuss a variety of emission reduction strategies.

The 2016 Air Quality Management Plan (AQMP) Control Strategy Symposium held June 10 & 11 at SCAQMD headquarters covered subjects such as light- and medium-duty vehicles, off-road equipment, goods movement, area sources, point sources, indirect sources and climate, energy, and transportation planning. Insights shared will assist in the development of the 2016 AQMP.

Panels of experts discussed the importance of efficiency improvements, funding and incentives, early deployment of zero- and near-zero technologies, co-benefits approaches, as well as regulatory actions. Representatives from the California Air Resources Board attending the conference committed to help to further reduce mobile source emissions.

Approximately 100 people attended the conference in person and an additional 200 people watched via an online webcast (archived at [aqmd.gov/home/library/webcasts](http://aqmd.gov/home/library/webcasts)). Attendees included technology experts, representatives from industry, local government, health, and environmental organizations, as well as transportation planners.

The symposium included a display of clean technology vehicles including fuel cell, battery electric and plug-in hybrid electric models, as well as exhibits of new products and other clean technologies.

“The symposium highlighted that meeting our clean air goals may not be easy or inexpensive, and there may not be complete agreement in how we reach those goals,” said Dr. Philip Fine, SCAQMD Deputy Executive Officer for Planning, Rule Development and Area Sources. “But there is a shared interest in providing incentives for deployment of clean technology, for protecting the health of our residents, and for promoting economic growth.”

*To view presentations from the symposium, visit [aqmd.gov/home/about/groups-committees/aqmp-advisory-group/CSS](http://aqmd.gov/home/about/groups-committees/aqmp-advisory-group/CSS). For more information, contact Michael Krause, at [mkrause@aqmd.gov](mailto:mkrause@aqmd.gov) or (909) 396-2706.*



# Summertime Smog Season is Upon Us

The season's hot, stagnant days favor the formation of ground level ozone, commonly known as smog.

With the traditional smog season beginning in April and lasting into October, SCAQMD reminds the public to pay close attention to air pollution forecasts, advisories, and current measurements, and to adjust their outdoor activities as appropriate. Ground-level ozone can cause short-term health effects including chest pain, coughing, and nose and throat irritation. Children and seniors are particularly at risk from smog. Children are at greater risk because they breathe in more air in relation to their body weight and lung size, and they play outside more. Seniors face increased risk because they are more likely to have medical conditions such as chronic pulmonary disease, emphysema and bronchitis.

When unhealthful air quality conditions are forecast, the public is advised to avoid vigorous outdoor activities, like running, soccer or baseball and seniors are advised to stay indoors, reduce physical activity, and avoid prolonged or heavy exertion.

During the 2014 smog season, the current federal ozone standard was exceeded on 92 days in the South Coast Air Basin. In order to avoid unnecessary exposure to outdoor air pollution, residents can view current forecasts and other air quality information on SCAQMD's web site at [aqmd.gov/home/library/air-quality-data-studies](http://aqmd.gov/home/library/air-quality-data-studies). The Air Quality Index highlights which activities should not be engaged in during high smog level days. Depending on the current and forecasted levels of air pollution, it may be advisable to reduce or avoid prolonged activities outdoors.

*To stay informed about air quality in your area, SCAQMD offers Air Alert daily e-mails providing information at a glance. Visit <http://aqmd.enviroflash.info/> to sign up for an Air Alert service designed specifically for your area.*

## Staff Changes Made in Planning and Rules Department

The Planning, Rule Development and Area Sources (PRDAS) Division is critical to SCAQMD's mission to improve air quality. PRDAS handles the agency's air quality planning functions, develops and amends rules, and administers various programs, including Annual Emissions Reporting, AB 2588, Modeling and Emissions Inventory, Area Source compliance, and Health Effects.

For 14 years, the department had been under the leadership of Dr. Elaine Chang, but with her retirement in May, PRDAS recently experienced several personnel changes. Dr. Philip M. Fine was named the new Deputy Executive Officer (DEO) of PRDAS, moving up from his role as the division's Assistant Deputy Executive Officer.

In this new role, Fine will oversee all activities of the division with a near-term focus on the development of the Air Quality Management Plan (AQMP). Management staff reporting directly to Fine include Dr. Jean Ospital, Health Effects Officer, who will soon be retiring, Susan Nakamura, Director of Strategic Initiatives, and Joe Cassmassi, who was recently promoted to Director of Rule Development. In this role, Cassmassi will manage multiple areas including air quality modeling, the AQMP, socioeconomic analysis, and the current RECLAIM amendments. A Planning and Rules Manager (currently vacant) will also report to Fine.

Filling Fine's previous position as Assistant DEO for PRDAS is Jill Whynot, who formerly served as Assistant DEO for Engineering and Compliance. Whynot will assist with the AQMP while overseeing a management team that includes Carol Gomez, Manager of Transportation Programs, Dr. Aaron Katzenstein, Program Supervisor for Climate Change and Energy, and two newly promoted managers. Tracy Goss was recently promoted to be responsible for New Source Review, Administrative Rules, NOx/SOx and PM Rules, and the development of future rules and control strategies for RECLAIM. The other new manager in PRDAS is Ian MacMillan, who will manage the California Environmental Quality Act/Intergovernmental Review Programs, AB 2588 Toxic Hot Spots, and Annual Emissions Reporting.

## Clean Air Awards to be Held October 2<sup>nd</sup>



 27<sup>th</sup> Annual Clean Air Awards

SCAQMD will host its 27th Annual Clean Air Awards luncheon on Friday October 2, 2015 at the Millennium Biltmore Hotel in Los Angeles. This annual event presents awards in the areas of Advancement of Air Pollution Technology; Model Community Achievements; Innovative Transportation Projects; Public Education on Air Quality Issues; and Promotion of Good Environmental Stewardship. Awards in these categories are presented to individuals, businesses, organizations and government entities committed to improving the Southland's air quality.

The Clean Air Awards honor those that have made outstanding strides toward clean air, while also encouraging and motivating those in their community to get involved, and to make clean air a priority.

Tickets are on sale for \$40 each, or \$400 for a table of ten. Visit [cleanairawards.com](http://cleanairawards.com) to purchase tickets to this great event.

## EPA Funds Used to Support CCP Programs



At its June 2015 meeting, SCAQMD's Governing Board approved the use of U.S. EPA Targeted Air Shed Grant funds to support the implementation of various programs under the Clean Communities Plan.

In 2010, the Board adopted the Clean Communities Plan (CCP) which included a pilot program that focuses on two communities heavily burdened by toxic air contaminants: the City of San Bernardino and the community of Boyle Heights.

These grant dollars will help fund the installation of an air filter system at Murchison Elementary School in Boyle Heights, weatherize homes near freeways and rail/truck transfer facilities in

both communities, purchase 800 clean battery-powered electric lawnmowers so that residents in those areas can get a significant discount to replace their dirty gas-powered models, and help install higher efficiency, low-polluting, commercial-grade heating units to replace older models at San Bernardino City Hall.

These programs support the implementation of the CCP to identify strategies to reduce children's exposure to criteria pollutants, toxic pollutants and ultrafine PM, help residents accelerate clean air efforts in these communities, and help offset the costs of pollution reduction strategies while also promoting more livable neighborhoods.

## Brown Is The New Green!

United Parcel Service (UPS) has long been an innovator in efficiency and savings as they are constantly looking for better ways to deliver packages to your business and front door.

UPS has used delivery vehicles powered by alternative clean fuels such as compressed natural gas (CNG) and liquefied natural gas (LNG) for years and recently pioneered electric vehicle (EV) technology.

Now UPS is delivering with a new project using zero-emission Hydrogen Fuel Cell Vehicles (HFCVs) and replacing dirty diesel engines in six of its existing delivery trucks that serve both Los Angeles and Orange counties.

This project is to develop and demonstrate zero-emission medium-duty trucks with fuel cell range-extender and electric technologies for goods movement operations. A successful demonstration will contribute to eliminating PM and NOx emissions from re-powered diesel medium-duty delivery trucks in the South Coast Air Basin.

Roughly half of the project's nearly \$11 million dollar price tag is coming from UPS, while the remaining funds are coming from the U.S. Department of Energy (DOE), the California Energy Commission (CEC) and SCAQMD, which will contribute nearly \$1 million for this effort.



## EJ Partnership Holds First Event



ENVIRONMENTAL JUSTICE  
**COMMUNITY  
PARTNERSHIP**

A successful forum on new health research inaugurated SCAQMD's Environmental Justice Community Partnership program on June 17th in Jurupa Valley.

The event, cosponsored by the Center for Community Action and Environmental Justice (CCA EJ), featured a presentation from Dr. W. James Gauderman, Associate Professor of Preventive Medicine at USC's Keck School of Medicine on recent findings from the USC Children's Health Study. Gauderman, who is Principal Researcher for that study, shared research that showed that lung growth improves among children in the population as air quality improves over time.

Dr. Sam Soret, Associate Dean for Research at the Loma Linda University School of Public Health, discussed Project ENRRICH (Environmental Railyard Research Impacting Community Health), a study that assessed the public health impacts of the San Bernardino Railyard. Soret explained how children living closer to the railyard suffered greater health effects than those living further away.

Following these presentations, SCAQMD Program Supervisor Marc Carrel conducted a conversation with local physician Dr. Tigran Stepanyan, who discussed how his patients suffer from the health impacts of air pollution.

The formation of the EJ Community Partnership was announced in February 2015 at SCAQMD's Environmental Justice conference. SCAQMD Chairman William Burke announced the establishment of the Partnership which he said was designed to "strengthen our relationships and our abilities to form alliances towards achieving clean air and healthy, sustainable communities for everyone."

He explained that the Partnership will consist of a series of quarterly events designed to help broaden our mutual awareness of EJ topics, and keep us connected so we can more effectively identify and address EJ issues impacting local communities.

The next EJ Community Partnership event is tentatively set for late September.

## SCAQMD's 2015 Bike-to-Work Day, A Celebration of Firsts

SCAQMD held its 16th annual Bike-to-Work Day on May 14th with 25 employees opting to ride their bikes to work on that day. A record number of first-time riders participated. Besides bicyclists riding in from nearby communities such as Diamond Bar, West Covina and Walnut, others rode from as far away as Long Beach. Seven bicyclists rode together from the Rancho Cucamonga area, a distance of approximately 25 miles.

While Bike-to-Work Day is an annual one-day event, several SCAQMD employees commute by bicycle on a regular basis and are registered participants in SCAQMD's Employee Rideshare Program.

For this year's Bike-to-Work Day several participants designed custom jerseys to celebrate the connection between bicycling and clean air. The jerseys feature the slogan "Burn Calories Not Fossil Fuels."

For more information, contact Eyvonne Drummonds at [edrummonds@aqmd.gov](mailto:edrummonds@aqmd.gov) or (909) 396-3287.

## State Health Risk Guidelines Incorporated into SCAQMD's Air Toxics Program

SCAQMD has strengthened its air toxics regulatory program by incorporating recently revised state guidance for estimating health risks.

The revised state guidance will better account for residents' exposure to air toxics, especially for infants and children. The changes, adopted on June 5, will ensure that the state's new toxic risk assessment guidelines are used when calculating potential public health risks from Southland facilities.

"Over the past two decades we've reduced toxic emissions dramatically in the region," said Barry Wallerstein, SCAQMD's executive officer, "however, the latest scientific information indicates that cancer risks from toxic emissions have been underestimated, especially for children."

In March, the state's Office of Environmental Health Hazard Assessment (OEHHA) approved revised cancer risk guidelines, finding that the actual

magnitude of residential cancer risk had previously been underestimated on average by a factor of 2.5 or more. OEHHA's revised guidelines account for the susceptibility of infants and children to air toxics and also modify assumptions for exposure durations.

SCAQMD, as well as other air districts throughout the state, are required to use OEHHA's revised guidelines for the AB 2588 Air Toxics "Hot Spots" Program. The SCAQMD also uses OEHHA's revised guidelines for permitting as well as public notification.

Visit [aqmd.gov/docs/default-source/rule-book/Proposed-Rules/212-1401-1401.1-and-1402/draft-staff-report--revised-oehha-guidelines-march-2015.pdf](http://aqmd.gov/docs/default-source/rule-book/Proposed-Rules/212-1401-1401.1-and-1402/draft-staff-report--revised-oehha-guidelines-march-2015.pdf) for more information on the revised OEHHA guidelines.



## 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 [aqmd.gov/home/library/meeting-agendas-minutes](http://aqmd.gov/home/library/meeting-agendas-minutes) 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/home/regulations](http://aqmd.gov/home/regulations) or obtained from SCAQMD's Public Information Center at (909) 396-2039.

## September

### Proposed Rule 415 – Odors from Rendering Facilities

Proposed Rule 415 will reduce odors created during animal rendering operations. The proposed rule will incorporate a preventative approach to odors by establishing Best Management Practices and enclosures for operations and processes that have a high potential to generate odors. The proposed rule also contains requirements for an Odor Mitigation Plan if there are continuing odor issues at facilities subject to the rule.

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

### Rule 1156 – Further Reductions of Particulate Emissions from Cement Manufacturing Facilities

When Rule 1156 was amended in March 2009, the Board directed staff to re-evaluate the need for, and frequency of, hexavalent chromium monitoring after 5 years, and to work with stakeholders to develop a facility closure plan option in lieu of monitoring requirements. Proposed amendments to Rule 1156 will establish the conditions, including plant closure, under which monitoring can be reduced or eliminated. In addition, the proposed amendments will include a proposed modification to the fence-line threshold, add requirements for after plant closure, as well as other minor amendments.

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

### Rule 1420.1 – Emissions Standards for Lead and Other Toxic Air Contaminants

Proposed Amended Rule 1420.1 will lower the point source emission rate, clarify that the rule applies during closure, and include new provisions to ensure lead and arsenic emissions are appropriately controlled during closure and clean-up activities, and thereafter.

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

### Rule 1420.2 – Emissions Standard for Lead from Metal Melting Operations

In October 2008, U.S. EPA lowered the National Ambient Air Quality Standard (NAAQS) for lead from 1.5 to 0.15 ug/m<sup>3</sup>. Proposed Rule 1420.2 will establish requirements for medium-sized lead emitting sources to ensure compliance with the lead NAAQS.

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

## October

### Rule 1106 – Marine Coatings Operations Rule 1106.1 – Pleasure Craft Coatings Operations

The proposed amendments will include any clarifications that may arise due to the compliance verification activities or manufacturer and public input, including the sales prohibition clause.

For more information, contact David DeBoer at [ddeboer@aqmd.gov](mailto:ddeboer@aqmd.gov) or (909) 396-2329.

### Rule 1110.2 – Emissions from Gaseous and Liquid-Fueled Engines

The proposed amendments to Rule 1110.2 would potentially extend the compliance date for biogas used to fuel power generators at landfills and municipal waste facilities. The amendment would result in delayed emission reductions.

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

### Reg. XX – Regional Clean Air Incentives Market

Proposed amendments to Regulation XX will reduce NOx emissions from facilities in this program.

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

## Lawn Mower Exchange Completes 13th Year

In June, SCAQMD successfully completed its 13th annual Lawn Mower Exchange program, adding three new locations and a "Green Carpet" social media experience.

SCAQMD exchanged 1,531 polluting gasoline-powered lawn mowers with highly efficient, zero-emission battery electric models at six areas throughout Southern California. The "Green Carpet" enabled participants to share their experience via a photo or video interview posted on the SCAQMD Facebook and Twitter pages. Participation on the green carpet rapidly grew from the first event in May to the final event in June.

Participants in the exchange had the option of turning in their old gasoline mower and paying a low, discounted price for one of six different cordless electric mower models. Since the program's inception, SCAQMD has scrapped close to 57,000 highly polluting mowers. This year's program removed over three tons of smog-forming pollutants from the Southland's air.

To sign up to be notified of future Lawn Mower Exchange events please visit [aqmd.gov/sign-up](http://aqmd.gov/sign-up) and select Lawn Mower Exchange. For more information about SCAQMD's annual Lawn Mower Program, please contact Vasken Yardemian at [vyardemian@aqmd.gov](mailto:vyardemian@aqmd.gov) or (909) 396-3296. To watch the "Green Carpet" videos search for "South Coast Air Quality Management District - SCAQMD" on Facebook.

## Advisor Honored With Writing Award

The SCAQMD Advisor has been honored with a prestigious APEX Award for Publication Excellence for its newsletter writing.

APEX Awards recognize excellence in publishing by professional communicators in 100 different categories. This year, the 27th year that the APEX Awards have been presented, nearly 1,900 entries were submitted. Grand Awards are presented to honor outstanding work in 11 major categories, and Awards of Excellence are presented to honor recipients in 100 subcategories.

The SCAQMD Advisor shared its Award of Excellence for Newsletter Writing with NewBit, the thrice-yearly publication of Canada's Institute for Quantum Computing, and The Networker, the quarterly newsletter of accounting firm association Moore Stephens North America (MSNA).

APEX Awards are sponsored by Communications Concepts, Inc., which advises publishing, PR and marketing professionals on best practices to improve their publications and communications programs.



# CLEAN AIR People

## Peter Greenwald

For nearly 35 years, Peter Greenwald has had a significant impact on efforts to improve the region's air quality.

He began at SCAQMD in April 1980 as a Deputy District Counsel I in the General Counsel's Office. In that position he had several accomplishments including obtaining a one-million dollar bond from the Operating Industries landfill to ensure it closed down with minimal air quality impacts. He developed the legal theories for the world's first comprehensive market program for reducing air pollution, SCAQMD's RECLAIM Program. He also worked with much dedication on the 1990 Amendments to the Federal Clean Air Act.

Peter left the agency in 2000 to pursue other interests but rejoined in 2003 as Senior Policy Advisor. He worked tirelessly to help clean up the goods movement system in Southern California, developing legal theories for the joint POLA-POLB Clean Air Action Plan, and striving to try to achieve better emission reduction commitments from the region's two major railroads. Peter also worked on the effort to improve the I-710 Corridor and worked with U.S. EPA to develop what is now SCAQMD Rule 1315, a tracking rule for New Source Review.

In March, Peter retired from SCAQMD for the second time, but not before leaving an indelible legacy for the agency with his everlasting contributions. His retirement plans include immersing himself in his passions of surfing, skiing, and photography, and to spend time with his wife and two children.



## Elaine Chang

When Elaine Chang retired in May, she left behind an impressive legacy of clean air accomplishments. During her nearly 28 years at SCAQMD, she was actively involved in the development and implementation of eight air quality management plans (AQMPs). She also played a key role in the initial adoption of SCAQMD's RECLAIM (Regional Clean Air Incentives Market) program, the world's first comprehensive multi-industry market program for reducing air pollution.

According to Barbara Baird, Chief Deputy District Counsel at SCAQMD, Chang's "greatest trait is probably her ability for creative and strategic thinking."

Elaine started at SCAQMD as an Air Quality Specialist in 1987. Shortly thereafter, she was promoted to Senior Air Quality Specialist and received several promotions over the following twenty-plus years. In 2001, she was promoted to Deputy Executive Officer of Planning, Rule Development and Area Sources. She and her team were responsible for the implementation of agency goals and policies in the areas of rulemaking, air quality forecasting and modeling, emissions inventories, CEQA and socioeconomic analyses, climate change efforts, PM control strategies, and strategic planning related to toxics, area sources, and transportation programs.

Prior to joining SCAQMD, Elaine was an environmental engineer for Bechtel Western Power Corporation. She earned a bachelor's degree in Environmental Health from National Taiwan University, a master's degree in Health Education from New York University, and her doctorate in Public Health from Columbia University.

Elaine's retirement plans include traveling and savoring her new role as grandmother.



## Shashi Singeetham

Shashi Singeetham is well known for being the lead staff organizer of SCAQMD's Annual Lawnmower Exchange events each year. During his career at SCAQMD he oversaw 88 events with more than 53,000 gasoline mowers being exchanged, resulting in 112 tons of toxic emission reductions. Shashi retired in March after 24 years of service with SCAQMD.

After working for 20 years in private industry, Shashi joined SCAQMD in March 1991. He started as a Transportation Specialist

assisting companies with their rideshare programs and training their employee transportation coordinators. When Rule 2202 was adopted, Shashi became the administrator of the Air Quality Investment Program helping companies with various emission reduction strategies. He was also the administrator for the AB2766 program helping cities with emission reduction projects.

In 2002, Shashi transferred from the Transportation Department to the Science and Technology Advancement Department and his position was reclassified to an Air Quality Specialist. That was when he took

the lead role in the newly initiated Lawn Mower Exchange Program. Shashi also worked on the Carl Moyer program and the Prop 1B Goods Movement Program helping individuals and companies trade in their old diesel trucks for newer, cleaner ones.

Shashi loves sports, especially his beloved baseball team the Los Angeles Angels of Anaheim. He also loves discussing politics and finding simple solutions to problems. He is always optimistic and a good friend to many. Now retired, Shashi looks forward to watercolor painting, learning to play the sitar, traveling and tutoring underprivileged kids.





South Coast  
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## South Coast Air Quality Management District

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## Briefly...

### Rule Compliance Promotion Classes

#### Rule 403 – Dust Control in the South Coast Air Basin Training

- Every third Wednesday of the month. This class is held at SCAQMD's Diamond Bar Headquarters from 8:30 a.m. to 11:30 a.m. There is no fee. Pre-registration is required and walk-in registrations are not allowed.

Visit [aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust](http://aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust) (and click on "south coast") for class and registration information. To register, e-mail [dustcontrol@aqmd.gov](mailto:dustcontrol@aqmd.gov) or call toll-free 1-866-861-3878.

#### Rule 403 & 403.1 – Dust Control in the Coachella Valley Training

- 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 115, 73-710 Fred Waring Dr., Palm Desert, CA, 92260. There is no fee. Pre-registration is required and walk-in registrations are not allowed.

Visit [aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust](http://aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust) (and click on "coachella valley") for class and registration information. To register, email [dustcontrol@aqmd.gov](mailto:dustcontrol@aqmd.gov) or call toll-free 1-866-861-3787.

#### Rule 461 – Gasoline Transfer and Dispensing Training

##### Daily Maintenance Inspection Class

- November 13, 2015  
The class fee is \$147.55 per person.

##### Periodic Compliance Inspection Class

- November 20, 2015  
The class fee is \$161.49 per person.

##### Vapor Recovery System Tester Orientation Class

- August 28, 2015
- November 6, 2015  
The class fee is \$153.52 per person.

Classes meet at SCAQMD headquarters in Room CC6 from 8:30 a.m. to 5:00 p.m. Check-in time is 8:00 a.m. to 8:30 a.m. Pre-registration is required and walk-in registrations are not allowed.

Visit [aqmd.gov/home/regulations/compliance/gasoline-dispensing2/rule-461-classes](http://aqmd.gov/home/regulations/compliance/gasoline-dispensing2/rule-461-classes) for class and registration information. Contact George Kasper at 909-396-2378 or [GKasper@aqmd.gov](mailto:GKasper@aqmd.gov) for more information.

#### Rule 1403 – Asbestos Demolition and Renovation Compliance Training

- September 16, 2015
- November 18, 2015
- December 16, 2015  
Classes are held from 8:00 a.m. to 1:00 p.m. at SCAQMD's Diamond Bar Headquarters (Room CC6). Registration fee is \$80.32 per person. Pre-registration is required and walk-in registrations are not allowed.

Visit [aqmd.gov/home/programs/business/training-1403-asbestos-demolition](http://aqmd.gov/home/programs/business/training-1403-asbestos-demolition) for class and registration information. Contact Sharon Fujimoto at [sfujimoto@aqmd.gov](mailto:sfujimoto@aqmd.gov) or at (909) 396-2183 for additional information and to register.

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

- August 6, 2015, SCAQMD Headquarters, Diamond Bar
- August 20, 2015, METRO, Downtown Los Angeles
- September 3, 2015, SCAQMD Headquarters, Diamond Bar
- September 24, 2015, Culver City Marriott
- October 8, 2015, SCAQMD Headquarters, Diamond Bar
- October 21, 2015, University of California, Irvine
- November 5, SCAQMD Headquarters, Diamond Bar
- December 10, SCAQMD Headquarters, Diamond Bar

Classes are held from 8:00 a.m. to 5:00 p.m. each day. Registration fee is \$168.92 per person. Enrollment is limited. Pre-registration is required and walk-in registrations are not allowed.

Visit [aqmd.gov/home/programs/business/training-2202-etc](http://aqmd.gov/home/programs/business/training-2202-etc) for class and registration information. To register, e-mail [etctraining@aqmd.gov](mailto:etctraining@aqmd.gov) or call (909) 396-2777.

## SCAQMD ADVISOR

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