



**WEST COAST COLLABORATIVE**  
A public-private partnership to reduce diesel emissions

## 2014 West Coast Collaborative Partners Meeting Speaker Bios

### **Melissa Atalig**

Special Projects Coordinator  
Tribal Healthy Homes Network

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Melissa Atalig is a Special Projects Coordinator for Tribal Healthy Homes Network. Over the past two years she has worked with the Tulalip Tribes on improving air quality in the Tulalip Bay airshed. Her varied work has included sustainable planning and development, energy efficiency and emissions reduction, and indoor air quality. Since moving to Washington State, Melissa has worked with various communities on environmental justice concerns in the Puget Sound region.

Ms. Atalig received her B.A. in Political Science from the University of Iowa. It was there she developed an interest for community engagement and a passion for social justice and the political process. Melissa also spent time at the Universidad Nacional in Heredia, Costa Rica, where she gained a broader understanding of sustainable development with a focus on local solutions. Upon returning to the U.S., she began exploring environmental and sustainability concerns in her own community. In 2010, she received her M.S. in Urban and Regional Planning.

Melissa is on the Board of Directors for the Asian Pacific Islander Community Leadership Foundation (ACLF) in Seattle and an active member in the API community. In her free time, she enjoys spending time with her family and appreciates all the Pacific Northwest has to offer.

### **Michael Baker**

Air Resources Engineer  
California Air Resources Board

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Michael Baker has been an engineer with the California Air Resources Board for more than 20 years. His responsibilities have included automobile emissions testing studies, reducing vehicular emissions through transportation strategies, and the diesel truck smoke check program. His has most recently been involved with the in-use off-road diesel vehicle regulation.

### **Richard Battersby**

Manager of Equipment Services  
City of Oakland, CA

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Richard is the Manager of Equipment Services for the City of Oakland, CA and is Coordinator of the East Bay Clean Cities Coalition. He has been working with alternative fuel vehicles for 18 years and has over 25 years in the fleet industry managing public and private sector fleets ranging in size from 700 to 7,000 vehicles. Richard is a Certified Automotive Fleet Manager (CAFM) and Certified Public Fleet professional (CPFP) and has been named Public Sector Fleet

Manager of the Year by both Government Fleet Magazine and the American Public Works Association. He is also an inductee into the Department of Energy Clean Cities and Public Fleet Manager Halls of Fame. Richard is a US Army veteran and has a BS degree from the California State University, Sacramento.

**Jared Blumenfeld**

Regional Administrator

U.S. Environmental Protection Agency, Region 9

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Jared Blumenfeld was appointed by President Barack Obama to serve as EPA Regional Administrator for the Pacific Southwest in November 2009. EPA Region 9 is home to more than 48 million people in California, Arizona, Hawaii, Nevada, the Pacific Islands, and 148 tribal nations.

Mr. Blumenfeld has spent two decades on the front lines of protecting the environment both at home and internationally. His priorities at EPA include strong enforcement, environmental justice, protecting and restoring our air, land and waters, building strong federal, state, local and tribal partnerships, and taking action on climate change.

**Duane Bratvold**

Principal

Bratvold Group, LLC

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Duane Bratvold is the OES manager with Webasto Thermo & Comfort Systems North America Inc. and owner of Bratvold Group LLC. He has 36 years of experience in heavy duty diesel and emissions. Working with many state and federal jurisdictions on emission retrofit projects. From crankcase ventilation systems to DPF and SCR systems Duane has a vast knowledge of emission control systems, engine characteristics, application engineering and failure analysis. Specializing in failed retro-fit projects he has seen a wide range of successful retrofit projects and what it takes to succeed. In studying failed projects many of the same mistakes have been made and can be avoided. He has authored programs that have been used by many to insure the success of retrofit programs. He has worked for DPF manufacturers and engine manufacturers which has given him a unique understanding of what is needed to apply emission controls to a wide range of equipment both on and off-road.

**Jack P. Broadbent**

Chief Executive Officer/Air Pollution Control Officer

Bay Area Air Quality Management District

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Jack P. Broadbent serves as the Chief Executive Officer/Air Pollution Control Officer, for the Bay Area Air Quality Management District (Air District). In this position, Mr. Broadbent is responsible for directing the Air District's programs to achieve and maintain healthy air quality for the 7 million people that reside in the nine county region of California's San Francisco Bay Area.

Mr. Broadbent joins the Air District after serving more than two and a half years as the Director of the Air Division at the U.S. Environmental Protection Agency, Region IX. In that position, Mr. Broadbent was responsible for overseeing the implementation of the Clean Air Act as well as indoor air quality and radiation programs for the Pacific Southwest region of the United States. Before serving at the EPA, Mr. Broadbent worked for the South Coast Air Quality Management District as a Deputy Executive Officer, Director of Planning and other senior management positions. While at the South Coast District, Mr. Broadbent directed the development of a number of landmark programs that contributed to significant improvements in air quality in the Los Angeles region.

Mr. Broadbent also has experience in private industry. In the 1980s, Mr. Broadbent served as Corporate Environmental Programs Manager for the largest private employer in California: Hughes Aircraft Company. Mr. Broadbent holds a Master's degree in Environmental Administration and a Bachelor of Science degree in Environmental Science—both from the University of California at Riverside.

**Dan Brown**

Co-Lead, West Coast Collaborative  
U.S. Environmental Protection Agency, Region 10

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Dan has spent the past 22 years working for the US Environmental Protection Agency, in both national and regional offices, implementing voluntary and regulatory programs to reduce air pollution from industrial, construction and transportation sector sources. Currently he leads the EPA's West Coast Collaborative public-private partnership with his colleagues in EPA's Region 9 office. He has an MS in Environmental Science and Engineering, a BS in Civil Engineering and is an AEE Certified Energy Manager.

**Stan Bruner**

Emissions Solutions Technical Sales Representative  
Caterpillar, Inc.

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Stan is currently the Cat Emissions Solutions Global Technical Sales Rep for off road machine repowers. He focuses on driving repower sales globally for Cat's suite of mobile repower solutions, which range from 180HP to 4000HP.

Stan joined Caterpillar Emissions Solutions in May, 2001, and has 13 years of experience with Caterpillar. Stan also was a contract employee for Caterpillar for 2.5 years prior to joining the company. Altogether, Stan has been working at Caterpillar for more than 15 years. Throughout his career, Stan has held positions in manufacturing, engineering, project management, reliability analysis, and most recently marketing as the Technical Sales Representative.

Since November 2010, Stan has been positioned in Southern California to support the repower market and our dealer network. Having been personally involved in the development of numerous solutions, he is very familiar with the solutions that Caterpillar developed to support California's repower needs as well as the unique emissions requirements for this territory. Stan is

also very knowledgeable regarding the technical challenges that we face engineering Tier 4 repower solutions.

**Christopher Cannon**

Director of Environmental Management  
Port of Los Angeles

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Christopher Cannon is the Director of Environmental Management for the Port of Los Angeles, a position he has held since 2010.

Cannon is responsible for balancing commerce and growth with environment and community at the nation’s busiest container port. The Environmental Management Division assesses environmental impacts of development projects and determines appropriate mitigation measures. Other Environmental Management Division responsibilities include compliance with state and federal environmental law; development of special studies involving water quality and air quality; contamination characterizations; wildlife management; and establishment of policies regarding environmental quality issues.

Cannon has worked at the Port of Los Angeles as a consultant since 2004, most recently helping to manage the implementation and daily operation of the highly successful Clean Truck Program.

Before his work on the Clean Truck Program, Cannon worked with the Port Environmental Management Division’s Air Quality and CEQA groups, supporting the development of key air projects such as the Clean Air Action Plan and its efforts to complete critical environmental impact reports for Port-related projects. Cannon has 21 years of experience in the environmental services industry, working on a range of projects while employed by ENVIRON International Corporation and TRC Environmental Solutions.

Cannon also spent two years as a legislative assistant for environmental policy on the Washington, D.C. staff of U.S. Representative Martin Sabo of Minnesota.

Cannon received a bachelor’s degree in international relations from Dartmouth College and a law degree from University of California at Berkeley’s Boalt Hall School of Law.

**Tim Carmichael**

President  
California Natural Gas Vehicle Coalition

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Tim Carmichael is the President of the California Natural Gas Vehicle Coalition. The Coalition is an association of natural gas vehicle and engine manufacturers, utilities, fuel providers and fleet operators serving the state. The Coalition works with legislators and regulators to develop policies that will increase alternative fuel and vehicle use, support new initiatives and provide up-to-date information on NGV technology and market developments.

Tim previously worked with the Coalition for Clean Air, one of California’s leading environmental advocacy organizations. Over 14 years he served as Executive Director and Policy Director and led efforts to reduce pollution from ports and freight transportation, increase

the use of advanced transportation technologies, reduce the use of toxic chemicals, and include community health protections in California's strategy for addressing climate change. Prior to joining the Natural Gas Vehicle Coalition Tim also worked briefly with Conscious Ventures Group, an environmental consulting group working on renewable energy policy issues. Tim attended UCLA, where he received bachelor's degrees in economics and history.

**Michael Carter**

Director of Environment

U.S. Department of Transportation, Maritime Administration

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Mr. Michael Carter is the Director of the Office of Environment at the U.S. Department of Transportation, Maritime Administration. His office is responsible for environmental management and compliance for Maritime Administration operations, such as the National Defense Reserve Fleet and the US Merchant Marine Academy, and programs. He serves as the advisor to the Associate Administrator for Environment and Compliance on environmental matters related to maritime activities and intermodal infrastructure planning and development.

In recent years, Mr. Carter's Office has been working on an initiative to improve collaboration among Federal agencies, such as EPA, USCG, NOAA, and MARAD, maritime industry, and academia to address emerging environmental challenges facing maritime stakeholders. Recent areas of focus are port and intermodal infrastructure development, ballast water treatment technology testing, port and vessels air emissions and energy, and transportation congestion mitigation. Another important focus for his Office is the integration of marine transportation as a key component of the national transportation system and as a critical element of overall environmental sustainability as it relates to transportation.

Before joining the Maritime Administration in August 1995, Mr. Carter was in private environmental law practice. He was awarded a B.S. degree, magna cum laude, in Forestry and Wildlife Management from Virginia Polytechnic Institute and State University in 1982 and received his J.D. from Catholic University of America in 1985.

**Wayne Cochrane**

Regional Sales Manager, Pacific Northwest

CDTi

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Wayne Cochrane has been with in the heavy-duty exhaust field for over 30 years. For the past 14 years he has been with CDTi / Engine Control Systems. 7 years ago Wayne moved from Ontario Canada to Reno, Nevada to assume the role of Regional Sales Manager, Diesel Particulate Filters for the California market. He brings with him a vast knowledge of the PM filters for both on and off-road applications.

**Kevin Downing**

Clean Diesel Program Coordinator  
Oregon Department of Environmental Quality

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Kevin Downing came west and graduated from Reed College. He has worked for the Department of Environmental Quality since 1992 where he initially led the efforts of the Department to respond to the challenges of the 1990 amendments to the Clean Air Act by meeting every one of the requisite deadlines on time. He has also been responsible for the development and implementation of multiple air and water quality programs including nonpoint source pollution reduction projects, vapor recovery from marine loading of petroleum products and air quality regional maintenance plans. In the past few years he has been leading the state's efforts to reduce the impact of diesel emissions through the creation of a public/private partnership to support installing advanced pollution controls on existing diesel vehicles in public and private fleets across the state. He is a founding member of the steering committee of the West Coast Diesel Collaborative. He has made numerous presentations on the application of clean diesel technology to citizen, business and academic groups in Oregon as well as elsewhere in the Pacific Northwest and nationally.

**Carlos R. Evans**

Attorney-Advisor  
Office of Sustainable Communities, U.S. Environmental Protection Agency

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Carlos Evans is a legal and policy advisor in U.S. EPA's Office of Policy. Mr. Evans has over a decade of experience providing legal and policy advice at EPA. Mr. Evans began his career at the Agency as an assistant regional counsel in Region 5, Chicago, IL, where he litigated administrative claims and counseled program offices on multimedia issues. Mr. Evans then transitioned to the Office of Enforcement and Compliance Assurance, Washington, DC, where he developed policies related to Superfund and other cleanup authorities. Over the past few years, Mr. Evans has provided legal and policy advice to EPA's senior leadership to help the Agency achieve its goal of making a visible difference in communities, particularly in those communities that are overburdened by environmental pollution. Mr. Evans earned his Bachelor of Arts degree from the University of Michigan, Ann Arbor, and received his Juris Doctor from Howard University School of Law.

**Amy L. Fowler**

Manager, Clean Air Initiatives  
Puget Sound Clean Air Agency

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Amy joined the Puget Sound Clean Air Agency in 2000 and spent nearly 10 years leading the agency's diesel emission reduction projects and wood smoke reduction efforts. Since early 2010, Amy has managed the agency's Department of Clean Air Initiatives. This department develops and implements voluntary and incentive-based programs to reduce fine particle pollution from indoor burning and diesel vehicles and equipment, and reduce greenhouse gas emissions from the transportation sector.

Previously, Amy was employed by the New York State Environmental Facilities Corporation, a non-regulatory state agency, as a member of the state's Small Business Assistance Program (created under the Clean Air Act). There Amy conducted seminars on air pollution regulations that affected small businesses and served as a writer, editor, and graphic designer for related technical publications and outreach materials. Prior to that, she was a technical seminar instructor and technical editor for a university-based research center on lighting technologies and applications, and has held other technical communications positions in the private and non-profit sectors.

### **Janice Gedlund**

Seaport Air Quality Program Manager

Port of Seattle

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Janice Gedlund is the Air Quality Program Manager for the Port of Seattle's Seaport Division. She is responsible for the Port's implementation of the Northwest Ports Clean Air Strategy which aims to reduce air pollutant and greenhouse gas emissions. Janice has a broad background in the environmental sphere including regulatory development and enforcement, pollution prevention, sustainability programs, environmental management systems, emergency response and environmental assessment. Throughout her career, Janice has worked for federal, state and local government agencies. She has a B.S. in environmental health and is a Certified Hazardous Materials Manager.

### **Margaret Gordon**

Co-Director

West Oakland Environmental Indicators Project

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Margaret Gordon co-founded and co-directs the West Oakland Environmental Indicators Project (EIP), an IRS-recognized 501(c)(3) headquartered on 14th Street , across I-880 from the Port of Oakland . EIP works with neighborhood organizations, physicians, researchers, and public officials to ensure West Oakland residents have a clean environment, safe neighborhoods, and access to economic opportunity. Many local, state, and national entities have recognized Gordon for her efforts to improve Oakland's quality of life. In 2006, the U.S. Environmental Protection Agency recognized EIP for its "work to improve local air quality." In 2007, Gordon was inducted into the Alameda County Women's Hall of Fame for her leadership on behalf of West Oakland's residents. Due to Gordon's knowledge of the Port of Oakland Maritime operation, she has been nominated by Mayor Ron Dellums and selected by the Oakland City Council to the Port of Oakland Board of Commissioners in 2008. Margaret Gordon is a life-time resident of the Bay Area, mother of three adult sons and grandmother of eleven.

**Camron Gorguinpour**

Executive Director, Plug-In Vehicle Program

U.S. Department of Defense

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Dr. Camron Gorguinpour serves as the Executive Director for the Department of Defense Plug-In Electric Vehicle Program. He is responsible for designing and executing a large-scale, multi-year effort to integrate PEV's into the Defense Department's non-tactical vehicle fleet. In addition to these duties, Dr. Gorguinpour serves the Director of Transformational Innovation to the Assistant Secretary of the Air Force for Acquisitions (SAF/AQ).

Prior to arriving at the Pentagon, Dr. Gorguinpour served as Executive Director for Scientists & Engineers for America - a 501c-3 nonprofit, non-partisan organization dedicated to engaging scientists and engineers in public policy and political activities. Dr. Gorguinpour also served for six years as Co-Founder and Executive Director for Space Science Outreach and Research (SSOAR) - a 501c-3 nonprofit organization dedicated to promoting science and education. Through SSOAR, Dr. Gorguinpour executed numerous programs, including the creation of two public charter schools in collaboration with NASA, the University of California at Berkeley, and the Cesar E. Chavez Foundation. Dr. Gorguinpour served for four years as a lecturer and part-time faculty member in the Bioengineering Department of the University of California, Berkeley. In this role, he created and taught courses in the field of Bioastronautics (i.e. human physiology in space).

He holds a bachelor's degree in Astrophysics and Physics from the University of California, Berkeley and a PhD from the UC Berkeley/UC San Francisco Joint Graduate Program in Bioengineering.

**Larry Greene**

Executive Director/Air Pollution Control Officer

Sacramento Metropolitan Air Quality Management District

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Larry F. Greene is the Executive Director of the Sacramento Metropolitan Air Quality Management District. Larry has a Bachelors Degree in Science Education from NC State University, and Masters Degrees in Logistics Management from Florida Institute of Technology and Human Resources Education from Boston University. He is a Past-President of the California Air Pollution Control Officers Association (CAPCOA) and serves as a permanent member on the CAPCOA Board of Directors. He serves on the National Association of Clean Air Agencies (NACAA) Board of Directors as Co-Vice President and Co-Chair of the Global Warming Committee.

**Royce Johnson**

Regional Sales Manager, Western Region

Webasto Thermo & Comfort North America, Inc.

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Royce Johnson is the Regional Sales Manager for Webasto Thermo & Comfort North America, Inc. As a CA native, Royce has been an environmental crusader in the automotive industry for over 25 years. Working specifically in the diesel arena for the past 12 years. Most recently with

Webasto Thermo & Comfort providing Idle Reduction strategies and solutions for the transportation industry. Solutions for "Personal and or Mechanical Comfort" in various transportation segments, that reduce dependency on oil by saving fuel and engine maintenance. Environmentally, Webasto Thermo & Comfort's emissions reduction strategies protect our environment by significantly reducing GHG's.

**Deborah Jordan**

Director, Air Division

U.S. Environmental Protection Agency, Region 9

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Deborah Jordan is Air Division Director for the U.S. Environmental Protection Agency's Region IX. She oversees about 100 staff members working with 45 state and local air agencies charged with improving air quality in the Pacific Southwest. Dr. Jordan is responsible for enforcing the Clean Air Act on state and tribal lands and lending the Region's efforts to address climate change.

Dr. Jordan has been Air Division Director since March 2004, after serving as Chief of Staff to the Regional Administrator. She has worked at EPA since 1989.

Dr. Jordan received her Ph.D. in chemical engineering from the University of California at Berkeley, and master's and bachelor's degrees from the University of Kansas.

**Kate Kelly**

Director, Air, Waste & Toxics

U.S. Environmental Protection Agency, Region 10

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Kate Kelly is the Director of the Environmental Protection Agency's Region 10 Office of Air, Waste & Toxics. In that role, is responsible for oversight and implementation of the hazardous and solid waste regulations, and the Clean Air Act programs in Alaska, Idaho, Oregon and Washington.

Before joining EPA in 2010, Kate was elected to three terms in the Idaho Senate. After serving in several leadership positions, for the last two years of her legislative service Kate was Senate Minority Leader, making her the ranking Senate Democrat.

Early in her career Kate spent four years with Boise Cascade Corporation's Minerals Department and six years with the Idaho Attorney General's Office Natural Resource Division, most of it assigned to represent the Idaho Department of Environmental Quality where she was the lead attorney for hazardous waste. She also served five years as a senior administrator with the Idaho DEQ, managing both the air quality and waste management programs respectively.

Kate received a B.A. degree from George Mason University, a M.S. degree from the University of Idaho College of Mines, and a J.D. degree from the University of Utah College of Law.

**Adam Langton**

Regulatory Analyst, Market-Based Climate Strategies  
California Public Utilities Commission

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Adam is the staff lead for the alternative-fueled vehicles proceeding at the California Public Utilities Commission. In this role, Adam advises the Commission on a range of issues aimed at increasing adoption of zero-emission vehicles for different transportation applications. Adam also supports the Governor's Office in designing and implementing the California Zero Emission Vehicle Initiative, including efforts to identify barriers to vehicle-grid integration. He was the lead technical analyst involved in developing the infrastructure components of the CPUC-NRG settlement, a \$100 million investment in charging stations in California. He is also involved in the implementation of the carbon cap-and-trade program for California's electricity sector.

Adam has a bachelor's degree in economics from Boston College and a graduate degree from the Goldman School of Public Policy at UC-Berkeley. Prior to graduate school, Adam was an analyst at the U.S. Office of Management and Budget, analyzing surface transportation programs and regulations.

**Joseph K. Lyou**

President and CEO, Coalition for Clean Air; and  
Governor's Appointee, Governing Board, South Coast Air Quality Management District

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Dr. Joseph K. Lyou believes that everyone has the right to breathe clean air. He has worked for nearly 25 years to improve environmental health and conditions in California's most polluted and disadvantaged communities. Dr. Lyou serves as President and CEO of the Coalition for Clean Air, a state-wide organization dedicated to restoring clean and healthful air to all of California. He advocates for effective public policy and practical business solutions that reduce air pollution, protect public health, and prevent climate change.

Dr. Lyou also serves as the Governor's Appointee to the South Coast Air Quality Management District Governing Board, the public agency responsible for improving air quality for more than 16 million people living in Southern California.

Dr. Lyou founded the California Environmental Rights Alliance in 2003 and served as Executive Director through August 2010. He previously held management positions with the California League of Conservation Voters Education Fund and the Committee to Bridge the Gap.

He received his Ph.D. from the University of California Santa Cruz in 1990.

**Gay MacGregor**

Senior Policy Advisor, Transportation and Climate Division  
Office of Transportation & Air Quality, U.S. Environmental Protection Agency

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Gay MacGregor serves as a senior policy advisor in US EPA's Office of Transportation and Air Quality (OTAQ). She co-chairs the Agency's Clean Air Act Advisory Committee's Mobile Source and Technical Review Sub-committee (MRSTS), which provides advice to the Agency.

Gay is also OTAQ's lead for environmental justice (EJ). In her most recent assignment, she directs OTAQ's Ports Initiative.

In addition to her primary duties, Gay also works with EPA's voluntary transportation programs, including the SmartWay Transport Partnership and the National Clean Diesel Campaign (NCDC) which focus on reducing the environmental impacts of goods movement.

During her tenure at EPA Gay has served in EPA's Office of Administration in Washington, DC, and EPA Region 9, in San Francisco.

Prior to coming to EPA, Gay worked for the National Institute of Environmental Health Sciences and the State of New Mexico. She has a master's degree in public affairs from North Carolina State and has done graduate work in urban planning at University of Michigan.

### **Cynthia Marvin**

Chief, Transportation and Toxics Division  
California Air Resources Board

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Cynthia Marvin is the Chief of the Transportation and Toxics Division at the California Air Resources Board (ARB or Board). The Division is currently leading development of the new California Sustainable Freight Initiative; implementing existing diesel rules and Proposition 1B incentives for cleaner ports and rail yards; updating the State's air toxics programs to characterize and reduce the health risk from stationary and mobile sources; and guiding multiple State agencies responsible for investing nearly \$1 billion annually in Cap-and-Trade auction proceeds in transportation, energy, and natural resources projects that reduce greenhouse gases and maximize co-benefits for disadvantaged communities.

Ms. Marvin's prior division assignment included climate change policy and planning, low carbon fuels, and energy issues. Her background involves 25 years of experience with the Board managing California's State Implementation Plans; developing ARB's clean air strategy for mobile sources, fuels, and consumer products; and drafting air toxics regulations to protect public health. Prior to joining ARB, she worked as an Assistant Vice President in the banking industry and received a B.S. in Environmental Toxicology from the University of California at Davis.

### **Ryan McCarthy**

Science and Technology Advisor to the Chair at the California Air Resources Board  
California Air Resources Board

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Ryan is the Science and Technology Advisor to the Chair at the California Air Resources Board, where he primarily focuses on transportation, energy and climate policy issues. Prior to his appointment at ARB by Governor Jerry Brown, McCarthy was chief writer of *Taking Charge*, a strategic plan for accelerating electric vehicle markets in California produced by the California Plug-In Electric Vehicle Collaborative. He was a Science and Technology Policy Fellow of the California Council on Science and Technology, where he worked in the office of California Assembly Member Wilmer Amina Carter and advised her on energy, environmental, and

transportation issues, among others. McCarthy holds master's and doctorate degrees in civil and environmental engineering from UC Davis, and a bachelor's degree in structural engineering from UC San Diego.

**Penny McDaniel**

Co-Lead, West Coast Collaborative

U.S. Environmental Protection Agency, Region 9

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Ms. Penny McDaniel is an environmental scientist at the United States Environmental Protection Agency Pacific Southwest office in San Francisco. She currently serves as the EPA Region 9 Lead for the West Coast Collaborative, a public-private partnership to reduce diesel and greenhouse gas emissions in west coast states and the Pacific Island Territories. Ms. McDaniel also co-leads EPA's Office of International and Tribal Affairs' (OITA) US-Asia Pacific Port Sustainability program. Prior to her position with the Collaborative, she worked at EPA's Headquarters in Washington, DC on systems-based climate change analysis, renewable energy development and green remediation. Ms. McDaniel created and launched EPA's RE-Powering America's Land Initiative, bringing together renewable energy developers, land owners, and local, state and federal government agencies to assess and implement renewable energy generation facilities on impaired land. The RE-Powering America's Land Initiative was recognized by the Harvard John F. Kennedy School of Government as one of the top innovative government programs in the United States. She also developed EPA's Cleanup - Clean Air program in Region 9, which led to the establishment of green remediation policies and practices in EPA Regions throughout the nation. She started her career at the EPA as a Superfund Project Manager, where she managed the environmental cleanup of a diverse array of National Priority List (NPL) sites in the state of California. Ms. McDaniel has been with the EPA for 17 years, and holds a Bachelor's of Science in Environmental Science, and a Master's of Science in Environmental Management.

**Dennis McLerran**

Regional Administrator

U.S. Environmental Protection Agency, Region 10

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Dennis McLerran was appointed by President Barack Obama to serve as the Regional Administrator (RA) for Region 10, leading a staff of over 500 employees, with a responsibility for an annual budget of over \$300 million. He was sworn in on February 22, 2010. As the RA, Dennis oversees the implementation and enforcement of the federal environmental rules and regulations in the States of Washington, Oregon, Idaho and Alaska, including 271 tribal governments in the Pacific Northwest and Alaska.

Before moving to EPA, Dennis served as Executive Director of the Puget Sound Clean Air Agency, and has been involved in a wide variety of state, local and federal issues and jobs in both the public and private sectors. Dennis has over 30 years of experience as an advocate, attorney and administrator, working on environmental, land use and climate issues.

Dennis is a native of Washington State, a graduate of the University of Washington and the Seattle University School of Law. He has been a Puget Sound Area resident for all of his adult life.

**Matt Miyasato**

Deputy Executive Officer

South Coast Air Quality Management District

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Dr. Matt Miyasato is the Deputy Executive Officer for Science & Technology Advancement at the South Coast Air Quality Management District. He is responsible for the SCAQMD's Technology Advancement Office, Mobile Source Division, and Monitoring and Laboratory Analysis Division. Dr. Miyasato's principal charges are to identify, evaluate and stimulate development and commercialization of clean air technologies, develop and coordinate mobile source regulations, and to conduct ambient monitoring, source testing and laboratory analysis.

Dr. Miyasato received his undergraduate degree in Mechanical Engineering, and his Masters and Ph.D. in Engineering, specializing in combustion technologies and air pollution control – all from the University of California, Irvine. Dr. Miyasato has worked at Southern California Edison in the Nuclear Engineering Department and at General Electric, where he designed burners and combustion modifications for utility boilers. He was also a research scientist at UCI, where he managed the industrial burner research program and has publications on combustion phenomena, active control, and laser diagnostics. Dr. Miyasato has also been a lecturer at UCI for the undergraduate air pollution control course.

**Dale Morin**

Manager of Engineering & Environmental – West Regions Operations

United Parcel Service, Inc.

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Dale Morin is the UPS West Region Automotive Engineering Environmental & Training Manager; and has 22 years' experience at UPS. Dale has been in the aerospace and fleet maintenance industry for over 39 years. Mr. Morin has led efforts in alternative fuel projects and technology development for the domestic fleet. These projects include compressed & liquefied natural gas, electric technology, hydrogen fuel cells, and hybrid vehicle development including both hybrid electric and hydraulic hybrid technologies. Presently, he oversees alternative fuel vehicles & equipment, infrastructure, maintenance & engineering training; continuously seeks & applies for Grant opportunities, implements various alternative fuel test projects, and manages fleet sustainability and environmental compliance regulatory activities. The UPS West Region operates over 35,000 pieces of on-road equipment daily within the 26 western states. Mr. Morin holds a Bachelor in Business Administration.

**Wayne Nastri**

President

E4 Strategic Solutions, Inc.

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Mr. Nastri is the President of E4 Strategic Solutions, Inc., a California and Washington DC based government affairs firm focusing on environmental and energy issues. In 2001 President George Bush appointed Mr. Nastri as Regional Administrator of the U.S. Environmental Protection Agency's Region 9 with its branch of 900 employees and authority over major programs on air, water, wetlands, and hazardous waste in California, Arizona, Nevada, Hawaii and the American Pacific Islands. Prior to Mr. Nastri's presidential appointment, he served as a Governing Board member of California's South Coast Air Quality Management District (he was Chairman of the Technology Committee), and as President of Environmental Mediation Inc., a Southern California based consulting firm. Most recently, Mr. Nastri co-directed the Energy and Environmental Practice at mCapitol Management, a DC based government relations and lobbying firm. Mr. Nastri has been at the center of some of today's most complex and challenging environmental issues and has significant experience in air, water, soil and hazardous waste. He personally championed the formation of the West Coast Collaborative in 2004, inspiring multiple other collaboratives across the country, and securing the National Clean Diesel Campaign's place as a program of significant importance in reducing emissions from diesel engines nationally.

**Erik Neandross**

Chief Executive Officer

Gladstein, Neandross & Associates

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Erik Neandross is the CEO of Gladstein, Neandross & Associates (GNA), North America's leading full-service consulting firm specializing in market development of alternative fuel technologies for the on-road and rapidly developing off-road high horsepower sectors. Erik oversees GNA's day-to-day business operations, client work, and strategic growth initiatives. He works with GNA's technical, public affairs, grant, market analysis, and events & marketing teams to deliver an array of strategic planning, financial modeling, market intelligence, marketing and expert technical assistance to the firm's clients.

**Timothy O'Connor**

Director of California Climate Initiative

Environmental Defense Fund

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Timothy ("Tim") O'Connor is a senior attorney and Director of Environmental Defense Fund's California Climate Initiative in their San Francisco office. Since joining EDF in 2006, Mr. O'Connor has engaged state regulatory agencies and legislature on the implementation of AB 32 with particular focus on heavy industries, alternative fuels and vehicles, natural gas, and compliance instruments in market-based emission reduction programs. During this time, Mr. O'Connor has also managed EDF's participation in both state and federal courts on issues related to climate, fuels and energy, both as a formal party and as amicus curiae.

Prior to joining EDF, Mr. O'Connor was a senior compliance inspector at heavy industrial facilities including petroleum refineries and power plants in the San Francisco bay area. He holds a Masters of Environmental Management Degree from Duke University and a J.D. from Golden Gate University with specializations in Environmental and Public Interest Law.

### **Veerabhadran Ramanathan**

Distinguished Professor of Climate Sciences, UCSD, California

UNESCO Professor of Climate and Policy, TERI University, Delhi

Chair, ABC-International Program of UNEP

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Dr. Ramanathan is a Distinguished Professor of Atmospheric and Climate Sciences at the Scripps Institution of Oceanography, University of California, San Diego. He currently chairs an international science team from Asia, Africa and Latin America under the Atmospheric Brown Clouds Program sponsored by the United Nations Environmental Programme.

Dr. Ramanathan discovered the greenhouse effect of halocarbons, particularly, CFCs in 1975. Along with R. Madden, predicted in 1980 that global warming would be detected by 2000. In 1985, he led the first international NASA/WMO/UNEP assessment on the climate effects of non-CO<sub>2</sub> greenhouse gases and concluded that they are as important as CO<sub>2</sub> to global climate change. He was among a team of four which developed the first version of the US community climate model in the 1980s. In 1989, he led a NASA study that used satellite radiation budget instruments to conclude that clouds had a large global cooling effect. He led an international field experiment in the 1990s, with Paul Crutzen that discovered the widespread Atmospheric Brown Clouds (ABCs) over S. Asia, which have devastating health and climate impacts. He developed light weight unmanned aerial vehicles to track pollution plumes from S. Asia, E. Asia and N. America. His recent finding is that mitigation of short lived climate pollutants (black carbon, methane, ozone and HFCs) will slow down global warming significantly during this century. This proposal has now been adopted by the United Nations and 30 countries including USA and a new coalition, called as the, Climate and Clean Air Coalition is implementing mitigation actions for short lived climate pollutants. He now leads Project Surya which is mitigating black carbon and other climate warming emissions from solid biomass cooking in S. Asia and Kenya and is documenting their effects on public health and environment. Teaming up with California Air Resources Board and R. K Pachauri, he has initiated a World Bank sponsored project to reduce soot emissions from the transportation sector in India.

He has won numerous prestigious awards including the Tyler prize. the top environment prize given in the US; the Volvo Prize; the Rossby Prize and the Zayed prize. In 2013, he was awarded the top environment prize from the [United Nations](#), the Champions of Earth for Science and Innovation. He has been elected to the US National Academy of Sciences, American Philosophical Society, the Pontifical Academy by Pope John Paul II and the Royal Swedish Academy of Sciences.

He is now serving in Pope Francis' Council for the Pontifical Academy of Sciences; and

UNESCO awarded the Climate and Policy professorship at TERI Deemed- University in New Delhi, India. He is co-organizer of a 2014 Vatican meeting on "Sustainable Humanity, Sustainable Nature" of social and natural scientists, philosophers and policy makers.

**Gabe Rozsa**

Managing Director  
Prime Policy Group

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Gabe Rozsa is a Managing Director at Prime Policy Group who specializes in energy, environment and infrastructure issues. Gabe most recently served as Environmental Counsel on the Republican staff of the House Science Committee and Staff Director of its Energy Subcommittee. In those roles, he assisted members of the Committee with the planning, preparation and staffing of hearings relating to a variety of energy and environmental issues, as well as work on comprehensive energy legislation, energy-related provisions of the 2002 Farm bill, authorizing legislation for the creation of the Department of Homeland Security, and providing counsel on a broad range of environmental, energy and science issues of interest to Committee Chairman Sherwood L. Boehlert (R-NY), a leader of the House Republican moderates.

Gabe previously served as Counsel to Republican Members of the House Public Works and Transportation Committee (renamed the Transportation and Infrastructure Committee in 1994). In that capacity, he advised Members on a variety of water related issues tied to Federal environmental and resource development programs. During his more than nine years with the Committee, he served as a lead Republican counsel to the subcommittee during the last major reauthorizations of the Clean Water Act (1987) the Superfund hazardous waste cleanup program (1986) four major Army Corps of Engineers authorization bills (1986, 1988, 1990 and 1992), the Energy Policy Act (1992), the Oil Pollution Act (1990), the Robert T. Stafford Disaster Relief and Emergency Assistance Act (1988), as well as issues related to the Tennessee Valley Authority and the National Dam Safety Program.

He holds a Masters of Law in environmental law from the George Washington University, a Juris Doctorate from Washington University and a Bachelor of Arts degree from the University of Virginia.

**Seyed Sadredin**

Executive Director/Air Pollution Control Officer  
San Joaquin Valley Unified Air Pollution Control District

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Seyed Sadredin became the Air Pollution Control Officer / Executive Director of the San Joaquin Valley Air Pollution Control District in March 2006. He oversees an agency with a staff of more than 300 and an annual budget of approximately \$200 million. More than ¾ of the District's annual budget is devoted to grants to the private sector, municipalities, and the general public for funding voluntary emission reduction projects.

Under his leadership, the District developed a clear Mission for improving the Valley’s health and quality of life through effective and innovative strategies and has focused on providing excellent customer service to the general public and the regulated community.

In the past five years, Sadredin has overseen the development and implementation of innovative emission-reducing rules including Indirect Source Review (ISR), which addresses emissions resulting from development, and the Employer Trip Reduction Rule (eTRIP), which promotes commute-related transportation alternatives. Under his leadership, the District has fostered the formation and active participation by the Valley’s Environmental Justice Advisory Group.

Sadredin championed an increase in voluntary public involvement through the creation of the Healthy Air Living program and the successful “Make One Change” outreach program which challenges Valley residents to make air-friendly lifestyle choices. Reflecting a core belief in the role of innovation, Sadredin initiated the implementation of the Technology Advancement Program, which promotes new clean air technology development in the Valley.

Sadredin has more than 30 years of experience in directing, developing, applying and administering air quality improvement programs. He holds a Bachelor of Science degree in mechanical engineering from California State University, Sacramento.

### **Allen Schaeffer**

Executive Director

Diesel Technology Forum

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Since 2000, Allen Schaeffer has served as chief executive and spokesperson for the Diesel Technology Forum - the nation’s leading advocate for clean diesel technology.

Mr. Schaeffer has over 27 year’s experience in environmental, health and energy policy, He has testified before both houses of the U.S. Congress and many state legislatures and agencies on a variety of matters affecting diesel technology, including climate change, black carbon, state diesel emissions inspection programs, and other clean air and alternative fuel issues.

From 1987 through 2000, he served as Vice President of Environmental Policy at the American Trucking Associations (ATA). Here he represented the industry in legislative and regulatory policy matters at the national level including the Clean Air Act Amendments of 1990, and was principal environmental and energy advisor to 60 affiliates at the state and regional level. Schaeffer has also served on EPA’s Federal Advisory Committee Subcommittee on Ozone, Particulate Matter and Regional Haze and the Clean Diesel Workgroup of the Mobile Source Technical Review Committee. He was also the principal architect of the first clean diesel outreach program—“On the Road to Clean Air,” a joint project with the Engine Manufacturers Association.

He has forged landmark relationships and joint initiatives with environmental groups including the Natural Resources Defense Council and the Environmental Defense Fund and the Clean Air Task Force. Under his leadership the Forum has been involved with leaders at the highest levels

of government, including Secretaries of Energy, Transportation, and the EPA Administrator, and has conducted a clean diesel demonstration for the President of the United States.

He holds a Bachelor of Science degree from the University of Maryland College Park and a Master of Environmental Health Sciences degree from Johns Hopkins University Bloomberg School of Public Health.

**Samir Sheikh**

Deputy Air Pollution Control Officer  
San Joaquin Valley Unified Air Pollution Control District

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Samir Sheikh currently serves as the Deputy Air Pollution Control Officer for the San Joaquin Valley Air Pollution Control District. In this position, he oversees the functions the Air District's grant programs, which provide over \$100 million in grant funding annually for projects that benefit air quality. Additionally, he oversees the Air District's planning, rule development, technology advancement, and air quality analysis programs, which are tasked with developing the Air District's long-term air quality strategies and regulations. Samir previously served as a manager in the Air District's permitting program where he implemented the Air District's air toxics reduction program and worked with the newly regulated agricultural community to implement new air quality measures. Mr. Sheikh holds a Bachelor of Science degree in mechanical engineering and a Master of Business Administration degree from California State University, Fresno.

**Chris Shimoda**

Director of Policy  
California Trucking Association

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Chris Shimoda is the Director of Policy for the California Trucking Association and is responsible for overseeing the CTA's public policy development and implementation. He has been with CTA since 2007 and has previously managed both the Association's Safety and Environmental Policy. Throughout his career Chris has worked with California agencies including the California Air Resources Board and California Highway Patrol on the development and implementation of major programs and regulations impacting the trucking industry. He is a graduate of UC Davis.

**Melissa Shurland**

Program Manager for Research and Development  
Federal Railroad Administration

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Melissa Shurland is a Program Manager in the Office of Research and Development at the Federal Railroad Administration (FRA). She obtained her BS in Mechanical Engineering from NYU Polytechnic School of Engineering. Melissa manages all alternative fuels, engine efficiency and emissions improvement technology development projects for the FRA. Her current project portfolio includes investigating the safety and efficiency of natural gas as an alternative fuels for rail transportation.

**Tim Taylor**

Manager of Land Use, Communications and Mobile Sources  
Sacramento Metropolitan Air Quality Management District

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Tim Taylor is the Manager of the Land Use, Communications and Mobile Source Division at the Sacramento Metropolitan Air Quality Management District (SMAQMD), a position he held from 1996 to 2003 and again from 2007 to the present. Between 2003 and 2007, he was the Government Relations Manager for Cleaire, a Bay Area based manufacturer of diesel particulate filters. He is also the Vice President and Co-coordinator of the Sacramento Clean Cities Coalition.

**Bill Van Amburg**

Senior Vice President  
CALSTART

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Bill is the Senior Vice President of CALSTART, the nation's leading clean transportation technology organization. He has over 35 years of experience, including technology development, commercialization and marketing. CALSTART works across all fuels, technologies and vehicles; Bill primarily leads program teams driving faster commercialization of clean, efficient commercial vehicles. Key programs include the national High-Efficiency Truck Users Forum (HTUF) program in partnership with the US Army, the US-China Clean Truck and Bus Technology Forum in partnership with the Department of Commerce, the Hybrid and Zero Emission Truck and Bus Voucher Incentive Program for the California Air Resources Board, the New York Truck Voucher Incentive Program for NYSERDA, the Chicago Area Alt Fuels Deployment Program with the City of Chicago, the NAFA Sustainable Fleet Standard Program for the National Association of Fleet Administrators and the CLEAN Truck Demonstration Program with the California Energy Commission. He is a graduate of the University of California, Berkeley with a degree in Anthropology, a graduate of the Executive Management Program at UCLA's Anderson School of Management, has a certificate in brand management from Stanford and serves on the Board of the North American Council for Freight Efficiency.

**Erik White**

Chief, Mobile Source Control Division  
California Air Resources Board

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Erik oversees a staff of over 180 in the development and implementation of California's heavy-duty emission reduction programs for both new and in-use vehicles. Erik is also responsible for working closely with other government agencies and stakeholders on the coordinated development, implementation and deployment for new and emerging low-emission advanced hybrid and electric drive vehicle technologies, which includes overseeing \$300 million of annual state funding in support of these efforts. Erik received his Bachelor of Science degree in Aerospace Engineering from UCLA in 1993.

**Daniel Yuska**

Environmental Protection Specialist

U.S. Department of Transportation Maritime Administration

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Daniel Yuska is an Environmental Protection Specialist with the U.S. Maritime Administration's Office of Environment. Mr. Yuska is responsible for leading the Agency's air quality initiative that consists of working with government agencies, industry, and academia on research and development projects and policy issues. Mr. Yuska also leads environmental planning efforts for major port and intermodal infrastructure projects. Daniel holds a M.S. and B.S. in environmental and ecological science disciplines.