

Primary Quality Assurance Organization Training

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California Environmental Protection Agency

 Air Resources Board

PRESENTER BIOSKETCHES

Deborah Jordan **Air Division Director, 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 9. 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. She has been Air Division Director since March 2004, after serving as Chief of Staff to the Regional Administrator. She has worked at Environmental Protection Agency 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.

Christopher Collins **Engineering and Air Monitoring Supervisor, Mojave Desert Air Quality Management District**

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Christopher Collins is an Engineering and Air Monitoring Supervisor with the Mojave Desert Air Quality Management District. He began his career in Air Pollution Control in 1987 with Stanislaus County Air Pollution Control District as Air Pollution Control Engineer. In 1991, he relocated to Victorville to become Supervising Air Quality Engineer with the Mojave Desert Air Quality Management District, where he also served as Compliance Supervisor and Building Project Manager. Christopher also serves as Vice-chair of the CAPCOA Engineering Managers group. He holds a Bachelor of Science degree in Engineering Technology Mechanical from California Polytechnic University, Pomona, and a Master of Science degree in Law from California Southern University, Irvine.

William Chevalier, Jr. **Supervising Air Monitoring Specialist, Monterey Bay Unified Air Pollution Control District**

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Bill Chevalier has been an Air Monitoring Specialist for the Monterey Bay Unified Air Pollution Control District since 2006 and has been a supervisor since 2010. He handles annual data certification and putting together the annual network plan, and oversees the ambient air monitoring program for the District. Bill and his group have opened, shut down, and moved several ambient air monitoring stations and have successfully completed a data acquisition system change. Bill has a Bachelor of Science in Chemistry/Biology from Keene State College in New Hampshire and a Master of Science in Marine Science from California State University, Stanislaus.

Joel Cordes **Air Monitoring Supervisor, Santa Barbara County Air Pollution Control District**

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Joel Cordes graduated from the University of Texas with a Bachelor of Science in Mechanical Engineering. He joined the Santa Barbara Air Pollution Control District in 1993 and is currently supervisor of the Air Monitoring group. Joel oversees a network of 16 ambient and meteorological monitoring stations operated by the Air Pollution Control District, private industry, and CARB to cover the diverse range of topography, meteorology, emissions and air quality in Santa Barbara County. Prior to the Air Pollution Control District, he worked in private industry designing ambient and source air monitoring instrumentation and systems.

Jaime Contreras
Air Quality Specialist II, San Luis Obispo County
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Jaime Contreras is an Air Quality Specialist in the Monitoring Division for the San Luis Obispo County Air Pollution Control District since 2011. In 2013, he managed a six-month PM 10 field monitoring project employing a saturation technique that involved the siting and operation of 25 EBAMs, plus 5 permanent BAM FEM monitors. Before joining the San Luis Obispo County Air Pollution Control District, Jaime worked eight years for the San Joaquin Valley Air Pollution Control District in the Air Monitoring Division. During four years as the Air Monitoring Supervisor, he managed the network of 16 monitoring SLAMS stations and 6 SLAMS/PAMS sites. Jaime coordinated several monitoring construction projects that included the final shutdown.

Carissa Ganapathy
Air Pollution Specialist, California Air Resources
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Carissa Ganapathy joined Air Resources Board's Quality Management Branch at the Monitoring and Laboratory Division in September 2013. She most recently came from Mobile Source Control Division, where she worked in the Compliance Assistance and Outreach Branch maintaining and redesigning Air Resources Board's TruckStop website, and creating other media to increase public comprehension of diesel regulations. She also worked in the Enforcement Division in the Training and Compliance Assistance Branch where she created an interactive technical manual for 13 categories of air pollution control devices. Prior to joining Air Resources Board in 2009, Carissa worked 17 years with the California Department of Pesticide Regulation as a Laboratory Liaison, Quality Assurance Quality Control Officer and conducted air monitoring and other environmental monitoring studies for pesticide residues. Carissa has a Bachelor of Science degree in Biological Sciences from California State University, Sacramento.

Darsi Goto
Air Pollution Specialist, California Air Resources
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Darsi Goto is a graduate of California State University, Sacramento with a bachelor's degree in Environmental Science and a minor in Geography. Darsi began her career with the California Air Resources Board (ARB) working in the Inorganics Laboratory Section in support of the PM2.5 Mass and PM2.5 Speciation programs. She currently works in the Quality Management Section at Air Resources Board. Her primary responsibilities include writing and reviewing quality management documents, conducting technical system audits, and acting as a liaison between Air Resources Board and air districts within Air Resources Board's Primary Quality Assurance Organization. Darsi has participated in various events including the California Environmental Protection Agency's Earth Day, State Scientist Day, and the Air and Waste Management Association's Air Quality Measurement Methods and Technology conference.

Aleta Kennard
Program Supervisor, Sacramento Metropolitan Air
Quality Management District

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Aleta Kennard is the Supervisor of Technical Services at the Sacramento Metropolitan Air Quality Management District. She received a Bachelor of Science in Environmental Engineering from Cal Poly, San Luis Obispo in 1984. As the Supervisor of Technical Services, Aleta oversees Air Monitoring, Rule Development, Emission Reduction Credits, and the Wood Stove/Fireplace Change Out Program at the District. Prior to her assignment to the Technical Services Section, Aleta worked as an engineer and as a supervisor in the District's permitting program.

Meredith Kurpius
Manager, Air Quality Analysis Office, U.S.
Environmental Protection Agency, Region 9

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Meredith Kurpius has over 20 years of experience working on technical air quality issues. Originally from New York, Meredith has a Bachelor of Science degree from Cornell University in Natural Resources, where she first started air quality monitoring. She then earned a Ph.D. from the University of California, Berkeley in Environmental Science,

Policy, and Management where she was both a Berkeley Fellow and a National Science Foundation Fellow. While pursuing her Ph.D., she worked with a research team to set up and run a remote air monitoring field station in the Sierra Nevada Mountains. The focus of her research was fate and transport of ozone in the Sierra Nevada Mountains but most of her time was spent working in the field with air monitoring instruments. After doing a post-doctorate at Oregon State University where she managed more remote air monitoring field sites, this time in the Cascade Mountains, Meredith joined the Environmental Protection Agency in San Francisco. Most of her time at the Environmental Protection Agency's Region 9 has been with the air monitoring team as the team lead. She has worked on air quality issues with almost every air monitoring agency in California. Since July, Meredith has assumed management of the Air Quality Analysis Office, which includes air monitoring, emissions inventories, modeling, GIS, and data management.

Janice Lam Snyder
Program Coordinator, Sacramento Metropolitan Air Quality Management District

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Janice Lam Snyder is the Program Coordinator for the Air Monitoring Section at the Sacramento Metropolitan Air Quality Management District. Janice has received her Bachelor's degree in Applied Physics from the University of California Davis and has worked at the SMAQMD for approximately 8.5 years. She has also worked as the district statistician working on air quality trends, planning documents, and quality control and assurance for air quality data.

Chris Lanane
Air Monitoring Specialist, Great Basin Unified Air Pollution Control District

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Chris Lanane is a graduate of Wabash College and earned a certificate in Air Quality Management from the University of California, Santa Barbara in 1994. Chris has been the air monitoring specialist at the Great Basin Unified Air Pollution Control District for the past twenty-one years. His responsibilities include oversight of the District's air quality monitoring program, including quality assurance activities for the 20-station network and PM2.5 laboratory, and documentation including writing the District's QAPPs

and annual network monitoring plans. Prior to his work at Great Basin, Chris was a quality assurance auditor for twelve years with ENSR and then AeroVironment providing quality assurance services to clients throughout the western United States, including the Electric Power Research Institute (EPRI) and Santa Barbara County Air Pollution Control District.

Jason Low
Atmospheric Measurements Manager, South Coast Air Quality Management District

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Jason Low is the Atmospheric Measurements Manager at SCAQMD in the Science and Technology Advancement Division. He oversees its network of over 35 ambient air monitoring stations and is responsible for coordinating field activities of special air monitoring projects focusing on air toxics and the local impacts of air pollution. Also, he is a co-coordinator for the AQMD monitoring response to regional wildfires and other events that may affect ambient air quality. Jason graduated with a Bachelor of Science in both Chemistry and Biology, and a Master of Science and Ph. D in Chemistry with a focus on atmospheric chemistry, all from the University of California, Irvine. He started at SCAQMD in the laboratory performing technical analytical work. Prior to his current position, he led the group responsible for quality assurance of the air monitoring and laboratory data.

Karen Magliano
Assistant Division Chief, Air Quality Planning and Science Division, California Air Resources Board

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Karen Magliano is Assistant Chief of the Air Quality Planning and Science Division of the California Air Resources Board. The Air Quality Planning and Science Division consists of six branches which are responsible for developing State Implementation Plans (SIPs) to meet federal health-based air quality standards, analyzing and distributing air quality data to assess the State's progress towards healthy air, conducting the meteorological and air quality modeling needed for SIP development, developing and maintaining the State's emissions inventory of criteria and greenhouse gas emissions, implementing the State's program to reduce emissions from consumer products and architectural coatings, and analysis of transportation related emission

reduction strategies to meet federal air quality standards and the State's greenhouse gas emissions reduction goals. Prior to this position, Karen oversaw the California Regional Particulate Matter Study, managed the Particulate Matter Analysis Section, and was Chief of the Air Quality Data Branch. Karen has both bachelor's and master's degrees in Atmospheric Science from the University of California, Davis.

Laura Niles
Air Pollution Specialist, California Air Resources Board

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Laura Niles has been with the State of California since 1990 and has been with the Air Resources Board since May 2007. She currently works in the Quality Assurance Section conducting air monitoring station performance audits throughout the State. She had an 18-month hiatus working in Air Resources Board's Enforcement Training Section as an Air Pollution Control Systems Instructor, and returned to Quality Assurance in October 2011. While at the Integrated Waste Management Board, Laura inspected and permitted solid waste facilities throughout the State. In 1977, she was a Crew Chief on F-4's and the SR-71 aircraft with the United States Air Force (USAF). In 1984, Laura transitioned to flight engineering with the USAF Reserves on C-141B aircraft, and retired from the USAF Reserves in 1998. Laura attended California State University, Sacramento and received a Bachelor of Arts degree in Geography with an emphasis in Physical Geography and Planning, and holds two Associates of Science degrees from the Community College of the USAF for both Aircraft Maintenance and Flight Engineering.

Andrea Polidori
Air Pollution Quality Assurance Manager, Science and Technology Advancement Division, South Coast Air Quality Management District

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Andrea Polidori is the Quality Assurance Manager at the Southern California Air Quality Management District in the Science and Technology Advancement Division, where he has overall responsibility for the QA functions for environmental measurement programs. Prior to joining the Southern California Air Quality Management District, he was a Research Assistant Professor at the University

of Southern California (USC) where he taught courses and conducted extensive research on particulate pollution and its health effects. He received his Ph.D. in Environmental Sciences from Rutgers University (New Brunswick, NJ) and his bachelor's degree, also in Environmental Sciences, from Urbino University in Urbino, Italy..

Ted Schade
Air Pollution Control Officer, Great Basin Unified Air Pollution Control District

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Ted Schade is the Air Pollution Control Officer for the Great Basin Unified Air Pollution Control District in Bishop, California. Great Basin regulates air quality in California's Alpine, Mono and Inyo Counties—the Eastern Sierra. He has worked for the District since 1990 and has been the Air Pollution Control Officer since 2004. Much of his effort at Great Basin has included the research and development of methods to control PM-10 emissions from the dried bed of Owens Lake, which prior to 2006 was the largest single source of PM-10 air pollution in the United States. Prior to working at Great Basin, he was a city engineer for a number of communities in Southern California. Ted is a registered professional civil engineer and has a bachelor's degree in civil engineering from the University of Notre Dame and a master's degree in civil engineering/water resources from California State University at Long Beach.

Eric Stevenson
Director of Technical Services, Bay Area Air Quality Management District

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Eric Stevenson is a chemical engineer with over 20 years of experience in the environmental field. He has designed remediation systems, performed air pollution emissions permitting, testing and monitoring and, as the current Director of Technical Services at the Bay Area Air Quality Management District, manages the Air Monitoring, Laboratory, Source Test, Meteorology, Quality Assurance and Data Management programs. He is a member of various committees and work groups dealing with air quality measurement issues on a local, state and national level, including the National Association of Clean Air Agencies (NACAA) Air Monitoring Steering Committee.

Gayle Sweigert**Manager, Air Quality Planning and Science
Division, California Air Resources Board**

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Gayle Sweigert is the Manager of the Air Quality Analysis Section at the California Air Resources Board. In this capacity, she oversees the development of monitoring network plans and data certification as well as managing technical staff that conduct comprehensive evaluations of California's air quality and attainment challenges. She works directly with air districts and U.S. Environmental Protection Agency on implementing new monitoring requirements as well as the ongoing evaluation of monitoring issues. Most recently this has included coordination for the deployment of the new near-road monitoring network in California. She is also responsible for development of federal air quality plans as well as ARB's Almanac of Emissions and Air Quality. She has been at the Air Resources Board for over twenty years and worked in a number of different programs including air quality planning, monitoring, and mobile source controls. She has a Bachelor of Science in Environmental Toxicology.

Phil Wagner**Air Pollution Specialist, California Air Resources
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Phil Wagner has worked in the ambient air monitoring field for over 30 years. In that time he has been responsible for operating and managing several SLAMS and PSD networks, and Special Studies monitoring stations working in both the public and private sectors. Phil has been a trainer with the Environmental Protection Agency (EPA), California Air Resources Board, XonTech, Inc., and the Secretaría de Protección al Ambiente and Instituto Nacional de Ecología (State of Baja, Mexico) teaching air monitoring and data processing procedures. Phil has a Bachelor of Science degree in Biological Sciences from California Polytechnic University, San Luis Obispo.

Gwen Yoshimura**Air Monitoring Specialist, U.S. Environmental
Protection Agency, Region 9**

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Gwen Yoshimura is an air monitoring specialist and the air monitoring team lead within the Environmental Protection Agency (EPA), Region 9's Air Quality Analysis Office. She currently specializes in ambient air monitoring of lead and sulfur dioxide. In addition to monitoring work, she has a background in air planning from five years of work in EPA's Region 7 office. Gwen holds a Bachelor of Science in Earth Systems from Stanford University.