

## VAPHER AGENDA

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In 2004, we hosted the inaugural Valley Air Pollution Health Effects Research (VAPHER) Symposium at the Montecito Lodge in Sequoia National Park. The VAPHER Symposium sought to bring researchers, public health officials, air regulators and policymakers together in an informal setting to facilitate discussion on the impacts of air pollution on the health of San Joaquin Valley residents. Fifteen years later, we will come together at the gateway to Yosemite National Park, to learn about new linkages between air pollution and public health, as well as explore the challenges and opportunities to continue improving air quality and health in the San Joaquin Valley.

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### Wednesday, November 6

10:00-        **Registration**

12:00-1:00   **Hosted Lunch – Welcome**

1:00-3:00     **Panel A: Health Effects of Outdoor Criteria Air Pollutants**  
Effects of ambient PM<sub>2.5</sub>, ozone and NO<sub>2</sub> on respiratory, cardiovascular & other diseases in children & adults

*Panelists:*

John Balmes MD, Professor of Environmental Health Sciences, UC Berkeley  
Michael Jerrett PhD, Professor and Chair of Environmental Health Sciences, UCLA  
Michael Kleeman PhD, Professor of Civil and Environmental Engineering, UC Davis  
Ricardo Cisneros PhD, Assistant Professor of Environmental Public Health, UC Merced

3:00-3:15     **Break**

3:15-5:15     **Panel B: Intersection Between Air Pollution and Climate**  
Sources and species of air pollution impacting Valley air quality, health and the climate

*Panelists:*

Michael Fitzgibbon PE, Branch Chief, Atmospheric Science and Climate Strategies, CARB  
Paul English PhD/MPH, Principal Investigator, Tracking California  
Sebastien Biraud PhD, Climate Science Department Head, LBNL  
Rupa Basu PhD/MPH, Air and Climate Epidemiology Section, OEHHA

6:00-8:00     **Hosted Dinner**

### Thursday, November 7

7:00-8:00     **Hosted Breakfast**

8:00-10:00   **Panel C: Sources of Air Pollution**  
Area, mobile and stationary sources of primary criteria and toxic air pollutants, as well as precursors of secondary pollutants, in the San Joaquin Valley

*Panelists:*

Dave Edwards, Branch Chief, Greenhouse Gas and Toxic Emissions Inventory, CARB  
Michael Kleeman PhD, Professor of Civil and Environmental Engineering, UC Davis  
Ricardo Cisneros PhD, Assistant Professor of Environmental Public Health, UC Merced  
Chelsea Preble PhD, Postdoctoral Researcher, UC Berkeley / LBNL

- 10:15-11:30 **GUIDED NATURE HIKE** (1.5 miles)  
Walk with a Tenaya guide through the Sierra National Forest. Learn about the plants and animals of the area and open your senses to nature. Your guide will take you through about 1.5 miles of forest trails, leaving directly from the hotel
- 12:00-1:00 **Hosted Lunch – Guest Speaker**  
Perspective from an SJVAPCD Board member on opportunities to transform the regulatory process and overcome barriers to cleaning the air  
Alex Sherriffs MD, UCSF Fresno, CARB & SJVAPCD Board Member
- 1:00-2:45 **Panel D: Challenges to Cleaning the Air**  
Obstacles regulators and industries face in reducing air pollution to health-protective levels over the next decade  
*Panelists:*  
Kurt Kurperos MS, Deputy Executive Officer, CARB  
Meredith Kurpius PhD, Associate Director, Region IX Air Division, US EPA  
Sheraz Gill MS, Deputy Director SJVAPCD  
Cathy Reheis-Boyd, President, WSPA  
Roger Isom, President and CEO, CCGGA  
Tim Carmichael, Government Relations Manager, Sempra  
Bill Magavern JD, Policy Director, CCA  
Alex Sherriffs MD, Clinical Professor of Health Sciences, UCSF  
Genevieve Gale, Executive Director, CVAQ  
John Balmes MD\*, Professor of Environmental Health Sciences, UC Berkeley  
*\*Facilitator*
- 2:45 – 3:00 **Break**
- 3:00-5:00 **Panel E: Opportunities in Air Quality Policy**  
Opportunities to reduce the health impacts of air pollution in the SJV today  
*Panelists:*  
Kurt Kurperos MS, Deputy Executive Officer, CARB  
Meredith Kurpius PhD, Associate Director, Region IX Air Division, US EPA  
Sheraz Gill MS, Deputy Director SJVAPCD  
Cathy Reheis-Boyd, President, WSPA  
Roger Isom, President and CEO, CCGGA  
Tim Carmichael, Government Relations Manager, Sempra  
Bill Magavern JD, Policy Director, CCA  
Alex Sherriffs MD, Clinical Professor of Health Sciences, UCSF  
Genevieve Gale, Executive Director, CVAQ  
John Balmes MD\*, Professor of Environmental Health Sciences, UC Berkeley  
*\*Facilitator*
- 6:00-9:00 **Hosted Wine and Cheese Reception**

## Friday, November 8

- 7:00-8:00 **Hosted Breakfast**
- 8:00-10:00 **Panel F: AB617... A Year in Retrospect**  
Successes, setbacks and lessons learned in the first year of AB617 implementation in the San Joaquin Valley  
*Panelists:*  
John Balmes MD, Professor of Environmental Health Sciences, UC Berkeley

Karen Magliano MS, Division Chief, OCAP, CARB  
Veronica Eady JD, Assistant Executive Officer for EJ, CARB  
Jonathan Klassen MA, Director of Air Quality Science and Planning, SJVAPCD  
Gustavo Aguirre, Kern County Coordinator, CCEJN  
Nayamin Martinez MPH, Executive Director, CCEJN

10:00-10:15 **Break**

10:15-12:00 **Panel G: Monitor Technology, Online Data Warehouses and Display Portals**  
Current state of technology to monitor neighborhood-level air pollution, establish data clearinghouses and create portals to share information with residents and advocates

*Panelists:*

Vernon Hughes, Manager, Community Assessment Branch, CARB  
Mena Shah, Manager, Air Quality and Statistical Studies Section, CARB  
Chelsea Preble PhD, Postdoctoral Researcher, UC Berkeley / LBNL  
Jessica Olsen MS, Program Manager, SJVAPCD  
Tim Tyner MS, Co-Founder, Chief Science and Research Officer, CCAC

12:00-1:00 **Hosted Lunch**

1:00-2:45 **Panel H: Incorporating Health Protection into the AB617 Community Air Protection Program**  
Discussion on current approaches and opportunities to better integrate air pollution mitigation and community health interventions to protect sensitive receptors in AB617-designated communities

*Panelists:*

Karen Magliano MS, Division Chief, OCAP, CARB  
Paul English PhD/MPH, Principal Investigator, Tracking California  
Patrick Wong PhD, Manager, Indoor Exposure Assessment Section, CARB  
Kevin Hamilton RRT, Co-Founder & CEO, CCAC

2:45-3:00 **Wrap Up – Thank You and Next Steps**



This event is being hosted by the **Central California Asthma Collaborative** through a *Supplemental Environmental Project* grant from the California Air Resources Board.