San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

Particulate Pollution in the San Joaquin Valley:
Translating Science into Policy
June 9 & 10, 2010
Fresno, CA

SEYED SADREDIN

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

Mr. Sadredin has been executive director and air pollution control officer for the Valley Air District since 2006. As such, he is responsible for executing the directives and strategy of the District as set forth by the Governing Board.

He has nearly 30 years of experience in the field of air quality, starting his career with the San Joaquin County Air Pollution Control District in 1981. He became director of permit services for the Valley Air District in 1992 and deputy director of the Air District in 2004.

He earned his B.S. degree in Mechanical Engineering from California State University, Sacramento.

MATTHEW LAKIN, PH.D.

Air Quality Risk Assessor · U.S. Environmental Protection Agency, Region 9

Dr. Lakin has been an air quality risk assessor with EPA since 2002. His work involves providing public health information in support of regulatory actions under the Clean Air Act, as well as working with the public and community groups to understand risks and prioritize action under EPA's Community Action for a Renewed Environment (CARE) program. His areas of specialization include a focus on mobile source risks, cumulative burdens and social vulnerability.

In 2009, Dr. Lakin received EPA's national Science Achievement Award in Environmental Economics for his development of the Diesel Health Benefits Tool, providing the non-science public with a tool to readily calculate the health benefits of diesel exhaust reduction projects.

He has a Ph.D. in Atmospheric Chemistry, with a research background concentrating in particulate matter (aerosol) chemistry.

KAREN MAGLIANO

Chief, Air Quality Data Branch · California Air Resources Board

Ms. Magliano oversees evaluating data to provide an improved understanding of air quality throughout the state, including meteorological influences, trends and impacts of ARB's control programs on ambient air quality. The Air Quality Data Branch is also responsible for archiving and disseminating both historical and real-time air quality data.

She is also the project manager for the California Regional PM10/PM2.5 Air Quality Study, a comprehensive program to provide an improved understanding of the causes of high particulate matter concentrations in Central California.

She has a master's degree in Atmospheric Science from the UC Davis.