



South Coast Air Quality Management District

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Matt Miyasato Biography

Dr. Matt Miyasato is the Technology Demonstration Manager for Science and Technology Advancement at the South Coast Air Quality Management District. In this role, Matt leads the group responsible for the Clean Fuels Program, which evaluates, funds, and monitors pre-commercial, clean, advanced technologies for both mobile and stationary sources.

Matt 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.

Matt 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. Matt has also been a lecturer at UCI for the undergraduate air pollution control course.

In his current role at the AQMD, Matt leads the Clean Fuels Research, Development, Demonstration, and Deployment Program for advancing technologies related to fuel cells, hydrogen, alternative fueled engines, PM and NO_x retrofits, hybrid vehicles, and other clean alternative technologies. The Clean Fuels Program awards projects totaling approximately \$10 to \$12 million per year, leveraging and building upon partnerships with industry and other government agencies.

The SCAQMD is the air pollution control agency for Orange County and major portions of Los Angeles, San Bernardino and Riverside counties.

Cleaning the air that we breathe...